



# Brazilian Trichoptera Checklist II

Henrique Paprocki<sup>†</sup>, Diogo França<sup>†</sup>

<sup>†</sup> Pontifícia Universidade Católica de Minas Gerais, Museu de Ciências Naturais, Coleção de Invertebrados. Av. Dom José Gaspar, 290, sala 104, Coração Eucarístico, CEP 30535-901, Belo Horizonte, Minas Gerais, Brazil, Belo Horizonte, Brazil

Corresponding author: Henrique Paprocki ([paprocki@pucminas.br](mailto:paprocki@pucminas.br)), Diogo França ([diogofransa@pucminas.br](mailto:diogofransa@pucminas.br))

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## Abstract

A second assessment of Brazilian Trichoptera species records is presented here. A total of 625 species were recorded for Brazil. This represents an increase of 65.34% new species recorded during the last decade. The Hydropsychidae (124 spp.), followed by the Hydroptilidae (102 spp.) and Polycentropodidae (97 spp.), are the families with the greatest richness recorded for Brazil. The knowledge on Trichoptera biodiversity in Brazil is geographically unequal. The majority of the species is recorded for the southeastern region.

## Keywords

Biodiversity, aquatic insects, Trichoptera, caddisflies, inventory, checklist, Brazil

## Introduction

Biodiversity data should be made widely available online to better inform conservation of natural resources and advancement of natural sciences. Meta-analysis in molecular biology and others areas is currently a major source for understanding complex biological systems (Emerson et al. 2011, Vos et al. 2014). Checklists of animal and plants species and their distribution are one of the most useful sources of information in conservation,

biodiversity studies, and environmental licensing. Checklists are used by scientists for registering new species records and descriptions, to predict species distribution, to compare environments, and to monitor environmental impacts. As the climate changes, biodiversity data will be very important to understand the adaptation of biological communities to these changes. Conservationists can better predict impact outcomes and propose better conservation plans when checklists are available (Fonseca and Benson 2003).

The first Brazilian Trichoptera checklist was published by Paprocki et al. 2004 and registered 378 species. At that time, the number of people working on Brazilian caddisfly taxonomy could be counted in one hand and almost all of them resided outside of Brazil (e.g. Blahnik, R.J., Flint, O.S., Holzenthal, R.W.) Currently, the number of Trichoptera taxonomists with a Ph.D working and residing in Brazil has increased, but is still low (e.g. Calor, A.R., Dumas, L.L., Nessimian, J.L., Pes, A.M.O., Santos, A.P.M, Takiya, D.M.). More comprehensive checklists with detailed distribution of species would be even more useful in biodiversity analysis and decision making.

The second checklist of Brazilian Trichoptera is presented here with the addition of a historical account of the growth of knowledge on caddisflies in Brazil. This example can be used to understand how growth of an area of study benefits from cooperation and investment.

## Materials and methods

To update the checklist we consulted the “Plataforma Lattes, base de dados de currículos do Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Ministério da Ciência, Tecnologia e Inovação – Brazil”, available in <http://lattes.cnpq.br/>, which is a federal database of scientists in Brazil. The researchers searched for the keywords Trichoptera, caddisflies, and caddisfly. Searches were concluded in September, 2014.

The search for compiling the Brazilian Trichoptera Checklist was performed on the following databases. The “Web of Science” was searched for Trichoptera and Brazil. All results from this search were examined. The other databases searched were “The Trichoptera World Checklist”, maintained by Dr. John C. Morse, Clemson University, USA; “Brazilian Caddisflies: Checklist and Bibliography”, maintained by Dr. Jorge L. Nessimian research team, Universidade Federal do Rio de Janeiro, Brazil; and “Index to Organism Names”, maintained by Thomson Reuters.

The acronyms used for Brazilian states are as listed: AC (Acre), AL (Alagoas), AM (Amazonas), AP (Amapá), BA (Bahia), CE (Ceará), DF (Distrito Federal), ES (Espírito Santo), GO (Goiás), MA (Maranhão), MG (Minas Gerais), MT (Mato Grosso), MS (Mato Grosso do Sul), PA (Pará), PB (Paraíba), PE (Pernambuco), PI (Piauí), PR (Paraná), RJ (Rio de Janeiro), RN (Rio Grande do Norte), RO (Rondônia), RR (Roraima), RS (Rio Grande do Sul), SC (Santa Catarina), SE (Sergipe), SP (São Paulo), TO (Tocantins). Brazil is divided in political regions as following: North (AC, AM, AP, PA, RO, RR, TO), Northeast

(AL, BA, CE, MA, PB, PE, PI, RN, SE), Southeast (ES, MG, RJ, SP), Midwest (DF, GO, MS, MT) and South (PR, SC, RS).

State names presented in bold letters indicate a new state record from literature.

## Anomalopsychidae

### Genus *Contulma* Flint, 1969

**Notes:** Flint Jr 1969a, Holzenthal and Flint Jr 1995

#### *Contulma fluminensis* Holzenthal & Robertson, 2006

**Distribution:** Rio de Janeiro

**Notes:** Holzenthal and Robertson 2006

#### *Contulma meloi* Holzenthal & Robertson, 2006

**Distribution:** Sao Paulo

**Notes:** Holzenthal and Robertson 2006

#### *Contulma sana* Jardim & Nessimian, 2011

**Distribution:** Rio de Janeiro

**Notes:** Jardim and Nessimian 2011

#### *Contulma tijuca* Holzenthal & Flint, 1995

**Distribution:** Rio de Janeiro

**Notes:** Holzenthal and Flint Jr 1995

#### *Contulma tripui* Holzenthal & Robertson, 2006

**Distribution:** Minas Gerais

**Notes:** Holzenthal and Robertson 2006

## Atriplectididae

### Genus *Neoatiplectides* Holzenthal, 1997

Notes: Holzenthal 1997

#### *Neoatiplectides desiderata* Dumas & Nessimian, 2008

Distribution: Minas Gerais, Rio de Janeiro, São Paulo

Notes: Dumas and Nessimian 2008, Dumas and Nessimian 2012

## Calamoceratidae

### Genus *Phylloicus* Müller, 1880

Notes: Müller 1880, Prather 2003

#### *Phylloicus abdominalis* (Ulmer), 1905

Distribution: Bahia, Ceará, Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina, São Paulo

Notes: Ulmer 1905a, Prather 2003, Huamantico et al. 2005, Quinteiro et al. 2014

#### *Phylloicus amazonas* Prather, 2003

Distribution: Amazonas

Notes: Prather 2003

#### *Phylloicus angustior* Ulmer, 1905

Distribution: Goiás, Minas Gerais, Paraná, Rio Grande do Sul, Santa Catarina, São Paulo

Notes: Ulmer 1905b, Prather 2003, Calor 2011

#### *Phylloicus auratus* Prather, 2003

Distribution: Amazonas

Notes: Prather 2003

***Phylloicus bertioga* Prather, 2003****Distribution:** Sao Paulo**Notes:** Prather 2003***Phylloicus bidigitatus* Prather, 2003****Distribution:** Bahia, Ceara, Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Prather 2003, Calor 2011, Quinteiro et al. 2014***Phylloicus bromeliarum* Müller, 1880****Distribution:** Santa Catarina, Sao Paulo**Notes:** Müller 1880, Prather 2003***Phylloicus brevior* Banks, 1915****Distribution:** Parana, Rondonia**Notes:** Banks 1915, Prather 2003***Phylloicus camargoi* Quinteiro & Calor, 2011****Distribution:** Sao Paulo**Notes:** Quinteiro et al. 2011***Phylloicus dumasi* Santos & Nessimian, 2010****Distribution:** Amazonas**Notes:** Santos and Nessimian 2010b***Phylloicus elektoros* Prather, 2003****Distribution:** Amazonas**Notes:** Prather 2003***Phylloicus fenestratus* Flint, 1974****Distribution:** Amazonas, Paraiba, Parana, Rondonia, Roraima**Notes:** Flint Jr 1974a, Prather 2003

***Phylloicus flinti* Prather, 2003****Distribution:** Rondonia**Notes:** Prather 2003***Phylloicus major* Müller, 1880****Distribution:** Rio de Janeiro, Santa Catarina, Sao Paulo**Notes:** Müller 1880, Prather 2003***Phylloicus monneorum* Dumas & Nessimian, 2010****Distribution:** Bahia, Rio de Janeiro**Notes:** Dumas and Nessimian 2010b, Quinteiro et al. 2014***Phylloicus obliquus* Navás, 1931****Distribution:** Bahia, Ceará, Minas Gerais, Rio de Janeiro, Santa Catarina**Notes:** Navás 1931, Prather 2003, Quinteiro et al. 2014***Phylloicus paprockii* Prather, 2003****Distribution:** Bahia, Minas Gerais**Notes:** Prather 2003***Phylloicus plaumanni* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a, Prather 2003***Phylloicus quadridigitatus* Prather, 2003****Distribution:** Sao Paulo**Notes:** Prather 2003***Phylloicus yolandae* Prather, 2003****Distribution:** Parana**Notes:** Prather 2003

## Ecnomidae

### Genus *Austrotinodes* Schmid, 1955

**Notes:** Schmid 1955, Flint Jr 1973, Flint Jr and Denning 1989

#### *Austrotinodes abrachium* Thomson & Holzenthal, 2010

**Distribution:** Minas Gerais

**Notes:** Thomson and Holzenthal 2010

#### *Austrotinodes amazonensis* Flint & Denning, 1989

**Distribution:** Amazonas

**Notes:** Flint Jr and Denning 1989

#### *Austrotinodes ariasi* Flint & Denning, 1989

**Distribution:** Amazonas, Para

**Notes:** Flint Jr and Denning 1989, Dumas et al. 2010

#### *Austrotinodes belchioris* Thomson & Holzenthal, 2010

**Distribution:** Minas Gerais

**Notes:** Thomson and Holzenthal 2010

#### *Austrotinodes bracteatus* Flint & Denning, 1989

**Distribution:** Sao Paulo

**Notes:** Flint Jr and Denning 1989

#### *Austrotinodes longispinum* Thomson & Holzenthal, 2010

**Distribution:** Rio de Janeiro, Sao Paulo

**Notes:** Thomson and Holzenthal 2010

#### *Austrotinodes paraguayensis* Flint, 1983

**Distribution:** Minas Gerais

**Notes:** Flint Jr 1983a

***Austrotinodes prolixus* Flint & Denning, 1989**

**Distribution:** Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Flint Jr and Denning 1989, Dumas et al. 2009, Calor 2011

***Austrotinodes taquaralis* Thomson & Holzenthal, 2010**

**Distribution:** Rio de Janeiro, Minas Gerais

**Notes:** Thomson and Holzenthal 2010

***Austrotinodes uruguayensis* Angrisano, 1994**

**Distribution:** Paraná

**Notes:** Angrisano 1994, Blahnik et al. 2004

**Glossosomatidae**

**Genus *Canoptila* Mosely, 1939**

**Notes:** Mosely 1939

***Canoptila bifida* Mosely, 1939**

**Distribution:** Santa Catarina

**Notes:** Mosely 1939

***Canoptila williami* Robertson & Holzenthal, 2006**

**Distribution:** São Paulo, Paraná

**Notes:** Robertson and Holzenthal 2006

**Genus *Itauara* Müller, 1888**

**Notes:** Müller 1888, Flint Jr et al. 1999a, Robertson and Holzenthal 2011

***Itauara alexanderi* Robertson & Holzenthal, 2011****Distribution:** Rio de Janeiro**Notes:** Robertson and Holzenthal 2011***Itauara amazonica* (Flint), 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971, Robertson and Holzenthal 2011***Itauara blahniki* Robertson & Holzenthal, 2011****Distribution:** Sao Paulo**Notes:** Robertson and Holzenthal 2011***Itauara brasiliiana* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939, Robertson and Holzenthal 2011***Itauara charlotta* Robertson & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Robertson and Holzenthal 2011***Itauara emilia* Robertson & Holzenthal, 2011****Distribution:** Sao Paulo**Notes:** Robertson and Holzenthal 2011***Itauara flinti* Robertson & Holzenthal, 2011****Distribution:** Sao Paulo**Notes:** Robertson and Holzenthal 2011***Itauara jamesii* Robertson & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Robertson and Holzenthal 2011

***Itauara julia* Robertson & Holzenthal, 2011****Distribution:** Rio de Janeiro**Notes:** Robertson and Holzenthal 2011***Itauara lucinda* Robertson & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Robertson and Holzenthal 2011***Itauara plaumanni* (Flint), 1974****Distribution:** Santa Catarina**Notes:** Flint Jr 1974b, Robertson and Holzenthal 2011***Itauara rodmani* Robertson & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Robertson and Holzenthal 2011***Itauara simplex* Robertson & Holzenthal, 2011****Distribution:** São Paulo**Notes:** Robertson and Holzenthal 2011***Itauara stella* Robertson & Holzenthal, 2011****Distribution:** São Paulo**Notes:** Robertson and Holzenthal 2011***Itauara tusci* Robertson & Holzenthal, 2011****Distribution:** Rio de Janeiro**Notes:** Robertson and Holzenthal 2011

**Genus *Mortoniella* Ulmer, 1906**

**Notes:** Ulmer 1906, Mosely 1937, Flint Jr et al. 1999a, Flint Jr et al. 1999b, Blahnik and Holzenthal 2008

***Mortoniella acauda* Blahnik & Holzenthal, 2011**

**Distribution:** Santa Catarina

**Notes:** Blahnik and Holzenthal 2011

***Mortoniella agosta* Blahnik & Holzenthal, 2011**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Blahnik and Holzenthal 2011

***Mortoniella albolineata* Ulmer, 1907**

**Distribution:** Santa Catarina, Sao Paulo

**Notes:** Ulmer 1907a, Blahnik and Holzenthal 2011

***Mortoniella alicula* Blahnik & Holzenthal, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Blahnik and Holzenthal 2011

***Mortoniella asymmetris* Blahnik & Holzenthal, 2011**

**Distribution:** Pernambuco

**Notes:** Blahnik and Holzenthal 2011, Souza et al. 2013a

***Mortoniella bocaina* Blahnik & Holzenthal, 2011**

**Distribution:** Sao Paulo

**Notes:** Blahnik and Holzenthal 2011

***Mortoniella catarinensis* (Flint), 1974**

**Distribution:** Santa Catarina

**Notes:** Flint Jr 1974b, Blahnik and Holzenthal 2011

***Mortoniella crescentis* Blahnik & Holzenthal, 2011****Distribution: Rio de Janeiro****Notes: Blahnik and Holzenthal 2011*****Mortoniella dolonis* Blahnik & Holzenthal, 2011****Distribution: Minas Gerais, Sao Paulo****Notes: Blahnik and Holzenthal 2011*****Mortoniella froehlichi* Blahnik & Holzenthal, 2011****Distribution: Rio de Janeiro****Notes: Blahnik and Holzenthal 2011*****Mortoniella guahybae* Blahnik & Holzenthal, 2011****Distribution: Sao Paulo****Notes: Blahnik and Holzenthal 2011*****Mortoniella hystricosa* Blahnik & Holzenthal, 2011****Distribution: Santa Catarina****Notes: Blahnik and Holzenthal 2011*****Mortoniella intervalles* Blahnik & Holzenthal, 2011****Distribution: Sao Paulo****Notes: Blahnik and Holzenthal 2011*****Mortoniella latispina* Blahnik & Holzenthal, 2011****Distribution: Rio de Janeiro****Notes: Blahnik and Holzenthal 2011*****Mortoniella longispina* Blahnik & Holzenthal, 2011****Distribution: Santa Catarina****Notes: Blahnik and Holzenthal 2011**

***Mortoniella meloi* Blahnik & Holzenthal, 2011****Distribution:** Sao Paulo**Notes:** Blahnik and Holzenthal 2011***Mortoniella ormina* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939, Blahnik and Holzenthal 2011***Mortoniella parauna* Blahnik & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Blahnik and Holzenthal 2011***Mortoniella paraunota* Blahnik & Holzenthal, 2011****Distribution:** Santa Catarina**Notes:** Blahnik and Holzenthal 2011***Mortoniella pumila* Blahnik & Holzenthal, 2011****Distribution:** Minas Gerais, Rio de Janeiro**Notes:** Blahnik and Holzenthal 2011***Mortoniella pusilla* Blahnik & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Blahnik and Holzenthal 2011***Mortoniella teutona* (Mosely), 1939****Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo**Notes:** Mosely 1939, Blahnik and Holzenthal 2011, Dumas and Nessimian 2012***Mortoniella tripuiensis* Blahnik & Holzenthal, 2011****Distribution:** Minas Gerais**Notes:** Blahnik and Holzenthal 2011

***Mortoniella truncata* Blahnik & Holzenthal, 2011****Distribution: Minas Gerais****Notes:** Blahnik and Holzenthal 2011***Mortoniella unota* (Mosely), 1939****Distribution: Santa Catarina****Notes:** Mosely 1939, Blahnik and Holzenthal 2011***Mortoniella uruguaiensis* Blahnik & Holzenthal, 2011****Distribution: Santa Catarina****Notes:** Blahnik and Holzenthal 2011**Genus *Protoptila* Banks, 1904****Notes:** Banks 1904, Flint Jr 1971, Flint Jr 1996***Protoptila condylifera* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Protoptila cora* Flint, 1983****Distribution:** Minas Gerais**Notes:** Flint Jr 1983a, Blahnik et al. 2004***Protoptila disticha* Flint, 1971****Distribution:** Amazonas, Para**Notes:** Flint Jr 1971***Protoptila dubitans* Mosely, 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939

***Protoptila ensifera* Flint, 1971**

**Distribution:** Amazonas, Para, Roraima

**Notes:** Flint Jr 1971, Flint Jr 1991

***Protoptila flexispina* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Protoptila longispinata* Santos & Nessimian, 2009**

**Distribution:** Amazonas, Para

**Notes:** Santos and Nessimian 2009c

***Protoptila macilenta* Flint, 1971**

**Distribution:** Para

**Notes:** Flint Jr 1971

***Protoptila mara* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Protoptila simplex* Flint, 1971**

**Distribution:** Amazonas, Para

**Notes:** Flint Jr 1971

***Protoptila ternatia* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Protoptila tetravittata* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Proptila trispicata* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971**Genus *Tolhuaca* Schmid, 1964****Notes:** Schmid 1964***Tolhuaca brasiliensis* Robertson & Holzenthal, 2005****Distribution:** São Paulo**Notes:** Robertson and Holzenthal 2005**Helicopsychidae****Genus *Helicopsyche* Siebold, 1856****Notes:** Siebold 1856, Müller 1885***Helicopsyche (Cochliopsyche) amica* Johanson, 2003****Distribution:** Pará**Notes:** Johanson 2003***Helicopsyche (Cochliopsyche) amazona* Johanson, 2003****Distribution:** Amazonas**Notes:** Johanson 2003***Helicopsyche (Cochliopsyche) blahniki* Johanson, 2003****Distribution:** Amazonas**Notes:** Johanson 2003***Helicopsyche (Cochliopsyche) brazilia* Johanson, 2003****Distribution:** Minas Gerais**Notes:** Johanson 2003

***Helicopsyche (Cochliopsyche) clara* (Ulmer), 1905**

**Distribution:** **Amazonas, Minas Gerais, Pernambuco, Santa Catarina, Sao Paulo**

**Notes:** Ulmer 1905a, Flint Jr 1996, Johanson 2003, Blahnik et al. 2004, Souza et al. 2013a

***Helicopsyche (Cochliopsyche) lobata* Flint, 1983**

**Distribution:** Minas Gerais, Santa Catarina

**Notes:** Flint Jr 1983a, Blahnik et al. 2004

***Helicopsyche (Cochliopsyche) opalescens* Flint, 1972**

**Distribution:** **Amazonas, Minas Gerais, Mato Grosso, Para, Parana, Rio de Janeiro, Rondonia, Roraima, Santa Catarina, Sao Paulo**

**Notes:** Flint Jr 1972, Flint Jr 1996, Johanson 2003, Blahnik et al. 2004

***Helicopsyche (Cochliopsyche) pandeirosa* Johanson, 2003**

**Distribution:** **Minas Gerais**

**Notes:** Johanson 2003

***Helicopsyche (Cochliopsyche) xinguensis* Johanson, 2003**

**Distribution:** **Amazonas, Para**

**Notes:** Johanson 2003

***Helicopsyche (Feropsyche) braziliensis* (Swainson), 1840**

**Distribution:** **Brazil**

**Notes:** Swainson 1840

***Helicopsyche (Feropsyche) cipoensis* Johanson & Malm, 2006**

**Distribution:** **Minas Gerais**

**Notes:** Johanson and Malm 2006

***Helicopsyche (Feropsyche) flinti* Johanson, 1999**

**Distribution:** **Santa Catarina**

Notes: Johanson 1999

***Helicopsyche (Feropsyche) helicoidella* (Vallot), 1855**

Distribution: Bahia

Notes: Vallot 1855

***Helicopsyche (Feropsyche) monda* Flint, 1983**

Distribution: Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004, Dumas et al. 2009

***Helicopsyche (Feropsyche) muelleri* Banks, 1920**

Distribution: Santa Catarina

Notes: Banks 1920

***Helicopsyche (Feropsyche) paprockii* Johanson & Malm, 2006**

Distribution: Minas Gerais

Notes: Johanson and Malm 2006

***Helicopsyche (Feropsyche) planorboides* Machado, 1957**

Distribution: Minas Gerais

Notes: Machado 1957

***Helicopsyche (Feropsyche) valligera* Flint, 1983**

Distribution: Santa Catarina

Notes: Flint Jr 1983a

***Helicopsyche (Feropsyche) vergelana* Ross, 1956**

Distribution: Pernambuco

Notes: Ross 1956a, Souza et al. 2013a

***Helicopsyche (Feropsyche) timbira* Silva, Santos & Nessimian, 2014****Distribution:** Rio de Janeiro, Sao Paulo**Notes:** Silva et al. 2014**Hydrobiosidae****Genus *Atopsyche* Banks, 1905****Notes:** Banks 1905, Schmid 1989***Atopsyche (Atopsaura) acahuana* Schmid, 1989****Distribution:** Espirito Santo, **Minas Gerais**, Rio de Janeiro**Notes:** Schmid 1989, Blahnik et al. 2004***Atopsyche (Atopsaura) antisuya* Schmid, 1989****Distribution:** Minas Gerais**Notes:** Schmid 1989***Atopsyche (Atopsaura) apurimac* Schmid, 1989****Distribution:** Rio de Janeiro**Notes:** Schmid 1989***Atopsyche (Atopsaura) blahniki* Santos & Holzenthal, 2012****Distribution:** Rio de Janeiro**Notes:** Santos and Holzenthal 2012***Atopsyche (Atopsaura) galharada* Santos & Holzenthal, 2012****Distribution:** Sao Paulo**Notes:** Santos and Holzenthal 2012

***Atopsyche (Atopsaura) hamata* Ross & King, 1952****Distribution:** Roraima**Notes:** Ross and King 1952***Atopsyche (Atopsaura) hatunpuna* Schmid, 1989****Distribution:** Minas Gerais, Sao Paulo**Notes:** Schmid 1989, Dumas and Nessimian 2012***Atopsyche (Atopsaura) huacachaca* Schmid, 1989****Distribution:** Rio de Janeiro**Notes:** Schmid 1989***Atopsyche (Atopsaura) huamachucu* Schmid, 1989****Distribution:** Rio de Janeiro**Notes:** Schmid 1989***Atopsyche (Atopsaura) huanapu* Schmid, 1989****Distribution:** Rio de Janeiro, Sao Paulo**Notes:** Schmid 1989, Blahnik et al. 2004***Atopsyche (Atopsaura) huarcu* Schmid, 1989****Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Schmid 1989, Blahnik et al. 2004***Atopsyche (Atopsaura) longipennis* (Ulmer), 1905****Distribution:** Santa Catarina**Notes:** Ulmer 1905a***Atopsyche (Atopsaura) plancki* Marlier, 1964****Distribution:** Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo**Notes:** Marlier 1964b, Blahnik et al. 2004, Santos and Holzenthal 2012

***Atopsyche (Atopsaura) sanctipauli* Flint, 1983**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1983a, Blahnik et al. 2004

***Atopsyche (Atopsaura) serica* Ross, 1953**

**Distribution:** Santa Catarina

**Notes:** Ross 1953

***Atopsyche (Atopsaura) siolii* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Atopsyche (Atopsaura) usingeri* Denning & Sykora, 1968**

**Distribution:** Rio de Janeiro, Sao Paulo

**Notes:** Denning and Sykora 1968, Calor 2011

***Atopsyche (Atopsaura) zernyi* Flint, 1974**

**Distribution:** Espirito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1974b, Blahnik et al. 2004, Dumas et al. 2010

***Atopsyche (Atopsyche) chirihuana* Schmid, 1989**

**Distribution:** Minas Gerais

**Notes:** Schmid 1989, Blahnik et al. 2004

***Atopsyche (Atopsyche) erigia* Ross, 1947**

**Distribution:** Minas Gerais, Sao Paulo

**Notes:** Ross 1947, Blahnik et al. 2004, Calor 2011

***Atopsyche (Atopsyche) parauna* Santos & Holzenthal, 2012****Distribution: Minas Gerais****Notes:** Santos and Holzenthal 2012***Atopsyche (Atopsyche) urumarpa* Schmid, 1989****Distribution: Minas Gerais, São Paulo****Notes:** Schmid 1989, Santos and Holzenthal 2012**Hydropsychidae****Genus *Blepharopus* Kolenati, 1859****Notes:** Kolenati 1859***Blepharopus diaphanus* Kolenati, 1859****Distribution:** Espírito Santo, Minas Gerais, Mato Grosso, Rio de Janeiro, Pernambuco, Parana, Roraima, Santa Catarina, São Paulo**Notes:** Kolenati 1859, Flint Jr 1991, Marinoni and Almeida 2000, Blahnik et al. 2004, Dumas et al. 2009, Nogueira and Cabette 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014**Genus *Centromacronema* Ulmer, 1905****Notes:** Ulmer 1905a***Centromacronema auripenne* (Rambur), 1842****Distribution:** Minas Gerais, Rio de Janeiro, Santa Catarina, São Paulo**Notes:** Rambur 1842, Dumas et al. 2009, Dumas and Nessimian 2012***Centromacronema obscurum* (Ulmer), 1905****Distribution:** Minas Gerais, Santa Catarina, São Paulo**Notes:** Ulmer 1905a, Blahnik et al. 2004

**Genus *Leptonema* Guérin-Méneville, 1843**

**Notes:** Guérin-Méneville 1843, Flint et al. 1987

***Leptonema agraphum* (Kolenati), 1859**

**Distribution:** Rio de Janeiro

**Notes:** Kolenati 1859

***Leptonema amazonense* Flint, 1978**

**Distribution:** Amazonas, Mato Grosso, Roraima

**Notes:** Flint Jr 1978, Ribeiro et al. 2009, Nogueira and Cabette 2011

***Leptonema amplifurcatum* Dumas & Nessimian, 2009**

**Distribution:** Rio de Janeiro

**Notes:** Dumas and Nessimian 2009b

***Leptonema aspersum* (Ulmer), 1907**

**Distribution:** Bahia, Mato Grosso do Sul, Mato Grosso

**Notes:** Ulmer 1907c, Nogueira and Cabette 2011

***Leptonema aterrimum* Mosely, 1933**

**Distribution:** Para

**Notes:** Mosely 1933

***Leptonema bifurcatodes* Flint, 2008**

**Distribution:** Rio de Janeiro

**Notes:** Flint Jr 2008

***Leptonema bifurcatum* Flint, McAlpine & Ross, 1987**

**Distribution:** Espírito Santo, Minas Gerais

**Notes:** Flint et al. 1987, Blahnik et al. 2004

***Leptonema boraceia* Flint, McAlpine & Ross, 1987**

**Distribution:** Rio de Janeiro, Sao Paulo

**Notes:** Flint et al. 1987

***Leptonema columbianum* Ulmer, 1905**

**Distribution:** Amazonas, Bahia, Distrito Federal, Goias, Minas Gerais, Mato Grosso do Sul, Para, Rondonia, Sao Paulo

**Notes:** Ulmer 1905a

***Leptonema crassum* Ulmer, 1905**

**Distribution:** Espirito Santo, Goias, Minas Gerais, Mato Grosso, Roraima, Sao Paulo

**Notes:** Ulmer 1905a

***Leptonema eugnathum* (Müller), 1921**

**Distribution:** Santa Catarina

**Notes:** Müller 1921

***Leptonema ferelunatum* Jardim, Dumas & Nessimian, 2010**

**Distribution:** Rio de Janeiro

**Notes:** Jardim et al. 2010

***Leptonema lacuniferum* Flint, 1978**

**Distribution:** Amazonas

**Notes:** Flint Jr 1978

***Leptonema lineaticorne* Flint, 2008**

**Distribution:** Minas Gerais

**Notes:** Flint Jr 2008

***Leptonema lunatum* Flint, McAlpine & Ross, 1987**

**Distribution:** Santa Catarina

**Notes:** Flint et al. 1987

***Leptonema macacu* Flint, 2008**

**Distribution:** Rio de Janeiro

**Notes:** Flint Jr 2008

***Leptonema maculatum* Mosely, 1933**

**Distribution:** Amazonas, Mato Grosso, Para

**Notes:** Mosely 1933, Nogueira and Cabette 2011

***Leptonema pallidum* Guérin-Meneville, 1843**

**Distribution:** Bahia, Ceara, Distrito Federal, Espírito Santo, Goias, Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Guérin-Méneville 1843, Costa et al. 2014

***Leptonema rostratum* Flint, McAlpine & Ross, 1987**

**Distribution:** Amazonas, Mato Grosso, Para, Roraima

**Notes:** Schmid 1964, Flint et al. 1987, Costa et al. 2014

***Leptonema sancticaroli* Flint, McAlpine & Ross, 1987**

**Distribution:** Amazonas

**Notes:** Flint et al. 1987, Dumas et al. 2010

***Leptonema santosi* Jardim, Dumas & Nessimian, 2010**

**Distribution:** Rio de Janeiro

**Notes:** Jardim et al. 2010

***Leptonema serranum* Navás, 1933**

**Distribution:** São Paulo

**Notes:** Flint et al. 1987

***Leptonema serratum* Jardim, Dumas & Nessimian, 2010****Distribution:** Rio de Janeiro**Notes:** Jardim et al. 2010***Leptonema sparsum* (Ulmer), 1905****Distribution:** Amazonas, **Bahia**, Distrito Federal, Goias, Minas Gerais, Mato Grosso, Para, Parana, Rio de Janeiro, Rondonia, **Roraima**, Santa Catarina, Sao Paulo**Notes:** Flint et al. 1987, Flint Jr 1991, Marinoni and Almeida 2000, Blahnik et al. 2004, Costa et al. 2014***Leptonema speciosum* (Burmeister), 1839****Distribution:** Rio de Janeiro**Notes:** Burmeister 1839***Leptonema spinulum* Flint, McAlpine & Ross, 1987****Distribution:** Amazonas, Distrito Federal, Mato Grosso, **Para****Notes:** Flint et al. 1987, Dumas et al. 2010***Leptonema stigmaticum* Navás, 1916****Distribution:** Rio de Janeiro**Notes:** Burmeister 1839***Leptonema tholloni* Navás, 1923****Distribution:** Rio de Janeiro**Notes:** Flint et al. 1987***Leptonema tridens* Mosely, 1933****Distribution:** Minas Gerais, Parana, Rio de Janeiro, Sao Paulo**Notes:** Mosely 1933, Blahnik et al. 2004,

***Leptonema trispicatum* Flint, McAlpine & Ross, 1987**

**Distribution:** Parana, Sao Paulo

**Notes:** Flint et al. 1987, Blahnik et al. 2004

***Leptonema viridianum* Navás, 1916**

**Distribution:** Bahia, Ceara, Espírito Santo, Goias, Distrito Federal, Minas Gerais, Para, Paraíba, Pernambuco, Parana, Rio de Janeiro, São Paulo

**Notes:** Moseley 1933, Blahnik et al. 2004, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014

**Genus *Macronema* Pictet, 1836**

**Notes:** Pictet 1836, Flint Jr and Bueno-Soria 1982

***Macronema amazonense* Flint, 1978**

**Distribution:** Amazonas

**Notes:** Flint Jr 1978

***Macronema argentilineatum* Ulmer, 1905**

**Distribution:** Amazonas, Para

**Notes:** Ulmer 1905a

***Macronema bicolor* Ulmer, 1905**

**Distribution:** Espírito Santo, Minas Gerais, Santa Catarina, São Paulo

**Notes:** Ulmer 1905a, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Macronema burmeisteri* Banks, 1924**

**Distribution:** Amazonas

**Notes:** Banks 1924

***Macronema exophthalmum* Flint, 1978**

**Distribution:** Amazonas

**Notes:** Flint Jr 1978

*Macronema fragile* Banks, 1915

**Distribution:** Amazonas

**Notes:** Banks 1915

*Macronema fulvum* Ulmer, 1905

**Distribution:** Rio de Janeiro, São Paulo

**Notes:** Ulmer 1905a, Calor 2011

*Macronema hageni* Banks, 1924

**Distribution:** Amazonas, Minas Gerais, Mato Grosso, Pará, Roraima

**Notes:** Banks 1924, Flint Jr 1991, Blahnik et al. 2004, Nogueira and Cabette 2011

*Macronema immaculatum* Mosely, 1934

**Distribution:** Paraná, São Paulo

**Notes:** Mosely 1934a

*Macronema lachlani* Banks, 1924

**Distribution:** Amazonas

**Notes:** Banks 1924

*Macronema lineatum* Pictet, 1836

**Distribution:** Bahia

**Notes:** Pictet 1836

*Macronema muelleri* Banks, 1924

**Distribution:** Amazonas

**Notes:** Banks 1924

*Macronema partitum* Navás, 1932

**Distribution:** Rio de Janeiro

**Notes:** Navás 1932b

*Macronema parvum* Ulmer, 1905

**Distribution:** Amazonas

**Notes:** Ulmer 1905a

*Macronema pennyi* Flint, 1978

**Distribution:** Amazonas

**Notes:** Flint Jr 1978

*Macronema percitans* Walker, 1860

**Distribution:** Amazonas, Mato Grosso, Para

**Notes:** Walker 1860

*Macronema pertyi* Banks, 1924

**Distribution:** Mato Grosso, Para

**Notes:** Banks 1924

*Macronema rubiginosum* Guérin-Meneville, 1843

**Distribution:** Brazil

**Notes:** Guérin-Méneville 1843

Genus *Macrostemum* Kolenati, 1859

**Notes:** Kolenati 1859, Flint Jr and Bueno-Soria 1982, França et al. 2013

*Macrostemum arcuatum* (Erichson), 1848

**Distribution:** Amazonas, Mato Grosso, Para

**Notes:** Erichson 1848, Nogueira and Cabette 2011, França et al. 2013

*Macrostemum brasiliense* (Fischer, 1970)

**Distribution:** Bahia, Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Perty 1833, Fischer 1970, Dumas and Nessimian 2012, França et al. 2013

***Macrosternum braueri* (Banks), 1924**

**Distribution:** Amazonas

**Notes:** Banks 1924, França et al. 2013

***Macrosternum bravoi* França, Paprocki & Calor, 2013**

**Distribution:** Bahia, Mato Grosso

**Notes:** França et al. 2013

***Macrosternum digramma* (McLachlan), 1871**

**Distribution:** Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** McLachlan 1871, Calor 2011, Barcelos-Silva et al. 2012, França et al. 2013

***Macrosternum erichsoni* (Banks), 1920**

**Distribution:** Acre, Amazonas, Bahia, Espírito Santo, Para

**Notes:** Banks 1920, Barcelos-Silva et al. 2012, França et al. 2013

***Macrosternum hyalinum* (Pictet), 1836**

**Distribution:** Acre, Bahia, Ceará, Espírito Santo, Mato Grosso, Para, Paraíba, Pernambuco, Paraná, Rio de Janeiro, São Paulo

**Notes:** Pictet 1836, Marinoni and Almeida 2000, Dumas et al. 2009, Calor 2011, Nogueira and Cabette 2011, França et al. 2013

***Macrosternum negrense* (Flint), 1978**

**Distribution:** Amazonas, Mato Grosso, Para

**Notes:** Flint Jr 1978, França et al. 2013

***Macrosternum nigrum* França, Paprocki & Calor, 2013**

**Distribution:** Bahia

**Notes:** França et al. 2013

***Macrosternum par* (Navás), 1930**

**Distribution:** São Paulo

**Notes:** Navás 1930, França et al. 2013

***Macrosternum santaeritae* (Ulmer), 1905**

**Distribution:** Acre, Amazonas, Bahia, Mato Grosso, Para

**Notes:** Ulmer 1905b, Nogueira and Cabette 2011, França et al. 2013

***Macrosternum surinamense* (Flint), 1974**

**Distribution:** Amazonas

**Notes:** Flint Jr 1974a, França et al. 2013

***Macrosternum ulmeri* (Banks), 1913**

**Distribution:** Acre, Amazonas, Minas Gerais, Mato Grosso, Para, Pernambuco, Rondonia, Roraima, São Paulo

**Notes:** Banks 1913, Blahnik et al. 2004, Nogueira and Cabette 2011, França et al. 2013, Souza et al. 2013a

**Genus *Plectromacronema* Ulmer, 1906**

**Notes:** Ulmer 1906, Flint Jr 1967, Flint Jr 1983b

***Plectromacronema comptum* Ulmer, 1906**

**Distribution:** Amazonas, Para, Roraima

**Notes:** Ulmer 1906, Flint Jr 1991

***Plectromacronema subfuscum* (Banks), 1920**

**Distribution:** Santa Catarina

**Notes:** Banks 1920

**Genus *Pseudomacronema* Ulmer, 1905**

**Notes:** Ulmer 1905a

***Pseudomacronema vittatum* Ulmer, 1905**

**Distribution:** Amazonas, Para

**Notes:** Ulmer 1905a

### **Genus *Smicridea* McLachlan, 1871**

**Notes:** McLachlan 1871, Flint Jr 1974a, Flint Jr 1989

#### ***Smicridea (Rhyacophylax) abrupta* Flint, 1974**

**Distribution:** Amazonas, **Mato Grosso, Roraima**

**Notes:** Flint Jr 1974a, Flint Jr 1991, Nogueira and Cabette 2011

#### ***Smicridea (Rhyacophylax) appendiculata* Flint, 1972**

**Distribution:** Amazonas, Minas Gerais, **Mato Grosso, Roraima**

**Notes:** Flint Jr 1972, Blahnik et al. 2004, Albino et al. 2011

#### ***Smicridea (Rhyacophylax) araguaiense* Albino, Pes & Hamada, 2011**

**Distribution:** **MatoGrosso**

**Notes:** Albino et al. 2011

#### ***Smicridea (Rhyacophylax) atrobasis* Flint, 1983**

**Distribution:** Santa Catarina

**Notes:** Flint Jr 1983a

#### ***Smicridea (Rhyacophylax) bicornuta* Albino, Pes & Hamada, 2011**

**Distribution:** **Mato Grosso**

**Notes:** Albino et al. 2011

#### ***Smicridea (Rhyacophylax) bifasciata* Albino, Pes & Hamada, 2011**

**Distribution:** **Mato Grosso**

**Notes:** Albino et al. 2011

#### ***Smicridea (Rhyacophylax) brasiliiana* (Ulmer), 1905**

**Distribution:** Santa Catarina

Notes: Ulmer 1905a

***Smicridea (Rhyacophylax) caligata* Flint, 1974**

Distribution: Amazonas

Notes: Flint Jr 1974a

***Smicridea (Rhyacophylax) columbiana* (Ulmer), 1905**

Distribution: Amazonas, Roraima

Notes: Ulmer 1905a, Flint Jr 1991

***Smicridea (Rhyacophylax) coronata* Flint, 1980**

Distribution: Espírito Santo, Minas Gerais, Mato Grosso, São Paulo

Notes: Flint Jr 1980, Albino et al. 2011, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) dentifera* Flint, 1983**

Distribution: São Paulo

Notes: Flint Jr 1983a, Blahnik et al. 2004

***Smicridea (Rhyacophylax) dentiserrata* Albino, Pes & Hamada, 2011**

Distribution: Mato Grosso

Notes: Albino et al. 2011

***Smicridea (Rhyacophylax) discalis* Flint, 1972**

Distribution: Minas Gerais, Paraná

Notes: Flint Jr 1972, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) ephippifer* Flint, 1978**

Distribution: Mato Grosso, Pará

Notes: Flint Jr 1978, Nogueira and Cabette 2011

***Smicridea (Rhyacophylax) flinti* Albino, Pes & Hamada, 2011****Distribution: Amazonas, Mato Grosso****Notes:** Albino et al. 2011***Smicridea (Rhyacophylax) forcipata* Flint, 1983****Distribution: Santa Catarina****Notes:** Flint Jr 1983a, Blahnik et al. 2004***Smicridea (Rhyacophylax) froehlichi* Almeida & Flint, 2002****Distribution: Minas Gerais, Rio de Janeiro, São Paulo****Notes:** Almeida and Flint Jr 2002, Dumas et al. 2010***Smicridea (Rhyacophylax) gladiator* Flint, 1978****Distribution: Amazonas****Notes:** Flint Jr 1978***Smicridea (Rhyacophylax) helena* Albino, Pes & Hamada, 2011****Distribution: Amazonas, Mato Grosso, Roraima****Notes:** Albino et al. 2011***Smicridea (Rhyacophylax) iguazu* Flint, 1983****Distribution: Espírito Santo, Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina****Notes:** Flint Jr 1983a, Marinoni and Almeida 2000, Barcelos-Silva et al. 2012***Smicridea (Rhyacophylax) jundai* Almeida & Flint, 2002****Distribution: Espírito Santo, Minas Gerais, Paraná, Rio de Janeiro, São Paulo****Notes:** Almeida and Flint Jr 2002, Dumas et al. 2010***Smicridea (Rhyacophylax) mangaratiba* Almeida & Flint, 2002****Distribution: Rio de Janeiro****Notes:** Almeida and Flint Jr 2002

***Smicridea (Rhyacophylax) marlieri* Flint, 1978****Distribution:** Amazonas, Para**Notes:** Flint Jr 1978***Smicridea (Rhyacophylax) marua* Flint, 1978****Distribution:** Amazonas**Notes:** Flint Jr 1978***Smicridea (Rhyacophylax) mesembrina* Navás, 1918****Distribution:** Mato Grosso**Notes:** Navás 1918, Nogueira and Cabette 2011***Smicridea (Ryachophylax) palmar* Sganga, 2005****Distribution:** Espírito Santo, Pernambuco**Notes:** Barcelos-Silva et al. 2012, Souza et al. 2013a***Smicridea (Rhyacophylax) piraya* Flint, 1983****Distribution:** Espírito Santo, Minas Gerais, Paraná, Santa Catarina, São Paulo**Notes:** Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004, Barcelos-Silva et al. 2012***Smicridea (Rhyacophylax) pseudolobata* Flint, 1978****Distribution:** Amazonas, Para**Notes:** Flint Jr 1978, Dumas et al. 2010***Smicridea (Rhyacophylax) radula* Flint, 1974****Distribution:** Espírito Santo, Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina, São Paulo**Notes:** Flint Jr 1974c, Blahnik et al. 2004, Dumas et al. 2009, Barcelos-Silva et al. 2012

***Smicridea (Rhyacophylax) ralphi* Almeida & Flint, 2002**

**Distribution:** Espírito Santo, Paraná, Rio de Janeiro, São Paulo

**Notes:** Almeida and Flint Jr 2002

***Smicridea (Rhyacophylax) roraimense* Albino, Pes & Hamada, 2011**

**Distribution:** Espírito Santo, Pernambuco, Roraima

**Notes:** Albino et al. 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Smicridea (Rhyacophylax) scutellaris* Flint, 1974**

**Distribution:** Amazonas, Minas Gerais, Pará, Roraima

**Notes:** Flint Jr 1974a, Flint Jr 1991, Blahnik et al. 2004

***Smicridea (Rhyacophylax) spinulosa* Flint, 1972**

**Distribution:** Amazonas, Pará, Paraná, Santa Catarina, São Paulo

**Notes:** Flint Jr 1972, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) unguiculata* Flint, 1983**

**Distribution:** Goiás, Minas Gerais, Paraná, Santa Catarina, São Paulo

**Notes:** Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Rhyacophylax) vermiculata* Flint, 1978**

**Distribution:** Minas Gerais, Pará, Paraná, Santa Catarina, São Paulo

**Notes:** Flint Jr 1978, Marinoni and Almeida 2000, Blahnik et al. 2004, Calor 2011

***Smicridea (Rhyacophylax) vilela* Flint, 1978**

**Distribution:** Amazonas, Pará

**Notes:** Flint Jr 1978

***Smicridea (Rhyacophylax) voluta* Flint, 1978**

**Distribution:** Amazonas, Pará

**Notes:** Flint Jr 1978

***Smicridea (Rhyacophylax) weidneri* Flint, 1972**

**Distribution:** Parana, Santa Catarina

**Notes:** Flint Jr 1972, Marinoni and Almeida 2000

***Smicridea (Smicridea) aequalis* Banks, 1920**

**Distribution:** Para

**Notes:** Banks 1920

***Smicridea (Smicridea) albosignata* Ulmer, 1907**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Sao Paulo

**Notes:** Ulmer 1907a, Marinoni and Almeida 2000, Blahnik et al. 2004

***Smicridea (Smicridea) bivittata* (Hagen), 1861**

**Distribution:** Minas Gerais, Para, Sao Paulo

**Notes:** Hagen 1861, Blahnik et al. 2004, Calor 2011

***Smicridea (Smicridea) gemina* Blahnik, 1995**

**Distribution:** Espirito Santo

**Notes:** Blahnik 2005, Barcelos-Silva et al. 2012

***Smicridea (Smicridea) mirnae* Almeida & Flint, 2002**

**Distribution:** Parana

**Notes:** Almeida and Flint Jr 2002

***Smicridea (Smicridea) obliqua* Flint, 1974**

**Distribution:** Amazonas

**Notes:** Flint Jr 1974a

***Smicridea (Smicridea) palifera* Flint, 1981**

**Distribution:** Espirito Santo, Mato Grosso, Pernambuco, Rio de Janeiro, Roraima

**Notes:** Flint Jr 1981, Blahnik et al. 2004, Albino et al. 2011, Nogueira and Cabette 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Smicridea (Smicridea) paranensis* Flint, 1983**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, **Sao Paulo**

**Notes:** Flint Jr 1983a, Marinoni and Almeida 2000, Blahnik et al. 2004, Calor 2011

***Smicridea (Smicridea) reinerti* Flint, 1978**

**Distribution:** Para

**Notes:** Flint Jr 1978

***Smicridea (Smicridea) sattleri* Denning & Sykora, 1968**

**Distribution:** Sao Paulo

**Notes:** Denning and Sykora 1968

***Smicridea (Smicridea) sexspinosa* Flint, 1978**

**Distribution:** Amazonas

**Notes:** Flint Jr 1978

***Smicridea (Smicridea) truncata* Flint, 1974**

**Distribution:** Amazonas, **Mato Grosso**, Para, **Rio de Janeiro**

**Notes:** Flint Jr 1974a, Dumas et al. 2009, Nogueira and Cabette 2011

**Genus *Synoestropsis* Ulmer, 1905**

**Notes:** Ulmer 1905a, Flint Jr et al. 1999b

***Synoestropsis furcata* Flint, 1974**

**Distribution:** **Mato Grosso**, Para

**Notes:** Flint Jr 1974a, Flint Jr 1991, Calor 2008a

***Synoestropsis grisoli* Navás, 1924**

**Distribution:** Amazonas, **Bahia**, Minas Gerais, **Mato Grosso**, Para, **Roraima**

**Notes:** Navás 1924, Flint Jr 1991, Blahnik et al. 2004, Nogueira and Cabette 2011, Costa et al. 2014

***Synoestropsis obliqua* Ulmer, 1905**

**Distribution:** Rio Grande do Sul

**Notes:** Ulmer 1905a

***Synoestropsis pedicillata* Ulmer, 1905**

**Distribution:** Espírito Santo, Minas Gerais, Pernambuco, Santa Catarina, São Paulo

**Notes:** Ulmer 1905a, Blahnik et al. 2004, Calor 2011, Barcelos-Silva et al. 2012, Souza et al. 2013a

***Synoestropsis punctipennis* Ulmer, 1905**

**Distribution:** Amazonas

**Notes:** Ulmer 1905a

***Synoestropsis stictonota* Navás, 1932**

**Distribution:** Santa Catarina

**Notes:** Navás 1932a

**Hydroptilidae**

**Genus *Abtrichia* Mosely, 1939**

**Notes:** Mosely 1939

***Abtrichia antennata* Mosely, 1939**

**Distribution:** Minas Gerais, Pernambuco, Rio de Janeiro, Santa Catarina, Minas Gerais

**Notes:** Mosely 1939, Blahnik et al. 2004, Dumas et al. 2010

***Abtrichia squamosa* Mosely, 1939**

**Distribution:** Minas Gerais, Rio de Janeiro, Santa Catarina

**Notes:** Mosely 1939, Blahnik et al. 2004

### **Genus *Acostatrichia* Mosely, 1939**

**Notes:** Mosely 1939

#### ***Acostatrichia brevipenis* Flint, 1974**

**Distribution:** Roraima

**Notes:** Flint Jr 1974a

#### ***Acostatrichia plaumanni* Mosely, 1939**

**Distribution:** Santa Catarina

**Notes:** Mosely 1939

#### ***Acostatrichia simulans* Mosely, 1939**

**Distribution:** Santa Catarina

**Notes:** Mosely 1939

### **Genus *Alisotrichia* Flint, 1964**

**Distribution:** Rondonia

**Notes:** Flint Jr 1964

#### ***Alisotrichia cacaualandia* Harris & Flint, 2002**

**Distribution:** Rondonia

**Notes:** Harris and Flint Jr 2002

#### ***Alisotrichia holzenthalii* Santos, 2011**

**Distribution:** Minas Gerais

**Notes:** Santos 2011

#### ***Alisotrichia macae* Santos, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Santos 2011

***Alisotrichia nessimiani* Santos, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Santos 2011

***Alisotrichia ubatuba* Santos, 2011**

**Distribution:** Sao Paulo

**Notes:** Santos 2011

**Genus *Anchitrichia* Flint, 1970**

**Notes:** Flint Jr 1970

***Anchitrichia duplifurcata* Flint, 1983**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Flint Jr 1983a, Guahyba 1991, Blahnik et al. 2004

**Genus *Ascotrichia* Flint, 1983**

**Notes:** Flint Jr 1983a

***Ascotrichia frontalis* Flint, 1983**

**Distribution:** Espirito Santo, Rio de Janeiro

**Notes:** Flint Jr 1983a

**Genus *Betrichia* Mosely, 1939**

**Notes:** Mosely 1939

***Betrichia alibrachia* Thomson, 2012**

**Distribution:** Rio de Janeiro

**Notes:** Thomson 2012

***Betrichia hamulifera* Flint, 1983****Distribution: Pernambuco, São Paulo, Santa Catarina****Notes:** Flint Jr 1983a, Calor 2011, Souza et al. 2013b***Betrichia longistyla* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a***Betrichia zilbra* Mosely, 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939**Genus *Bredinia* Flint, 1968****Notes:** Flint Jr 1968***Bredinia espinosa* Harris, Holzenthal & Flint, 2002****Distribution:** Mato Grosso, Rondonia**Notes:** Harris et al. 2002b**Genus *Byrsopteryx* Flint, 1981****Notes:** Flint Jr 1981***Byrsopteryx abrelata* Harris & Holzenthal, 1994****Distribution:** Paraná, Rio de Janeiro, São Paulo**Notes:** Harris and Holzenthal 1994, Blahnik et al. 2004, Santos and Nessimian 2010a***Byrsopteryx carioca* Santos & Nessimian, 2010****Distribution:** Rio de Janeiro**Notes:** Santos and Nessimian 2010a

***Byrsopteryx espinhosa* Harris & Holzenthal, 1994**

**Distribution:** Rio de Janeiro

**Notes:** Harris and Holzenthal 1994

**Genus *Ceratotrichia* Flint, 1992*****Ceratotrichia* sp.**

**Distribution:** Amazonas, Rio Grande do Sul

**Notes:** Flint Jr 1992, Pes and Hamada 2004, Spies et al. 2006

**Genus *Costatrichia* Mosely, 1937**

**Notes:** Mosely 1937

***Costatrichia fluminensis* Santos & Nessimian, 2010**

**Distribution:** Rio de Janeiro

**Notes:** Santos and Nessimian 2010c

***Costatrichia nelsonferreira* Santos & Nessimian, 2010**

**Distribution:** Para

**Notes:** Santos and Nessimian 2010c

***Costatrichia noite* Angrisano, 1995**

**Distribution:** Amazonas

**Notes:** Angrisano 1994, Santos et al. 2013

***Costatrichia ipixuna* Santos, Takyia & Nessimian, 2013**

**Distribution:** Amazonas

**Notes:** Santos et al. 2013

**Genus *Dicaminus* Müller, 1879**

**Notes:** Müller 1879b

***Dicaminus ladislavii* Müller, 1879**

**Distribution:** Santa Catarina

**Notes:** Müller 1879b

**Genus *Eutonella* Müller, 1921**

**Notes:** Müller 1921, Flint Jr et al. 1999b

***Eutonella peltopsychodes* Müller, 1921**

**Distribution:** Santa Catarina

**Notes:** Müller 1921

**Genus *Flintiella* Angrisano, 1995**

**Notes:** Angrisano 1995

***Flintiella andreae* Angrisano, 1995**

**Distribution:** Pernambuco

**Notes:** Angrisano 1995, Souza et al. 2013b

***Flintiella astilla* Harris, Flint & Holzenthal, 2002**

**Distribution:** Bahia, Mato Grosso, Parana, Sao Paulo

**Notes:** Harris et al. 2002a

***Flintiella boraceia* Harris, Flint & Holzenthal, 2002**

**Distribution:** Sao Paulo

**Notes:** Harris et al. 2002a

***Flintiella carajas* Santos, Jardim & Nessimian, 2011**

**Distribution:** Para

**Notes:** Santos et al. 2011

***Flintiella manauara* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009a***Flintiella pizotensis* Harris, Flint & Holzenthal, 2002****Distribution:** Amazonas**Notes:** Dumas et al. 2010**Genus *Hydroptila* Dalman, 1819****Notes:** Dalman 1819, Bueno-Soria 1984, Harris and Holzenthal 1999***Hydroptila argentinica* Flint, 1983****Distribution:** Parana, Rio de Janeiro, Sao Paulo**Notes:** Flint Jr 1983a, Blahnik et al. 2004, Dumas et al. 2009***Hydroptila producta* Mosely, 1939****Distribution:** Rio de Janeiro, Santa Catarina**Notes:** Mosely 1939, Dumas et al. 2009**Genus *Leucotrichia* Mosely, 1934****Notes:** Mosely 1934b, Flint Jr 1970***Leucotrichia bicornuta* Thomson, 2012****Distribution:** Rio de Janeiro**Notes:** Thomson 2012***Leucotrichia brasiliiana* Sattler & Sykora, 1977****Distribution:** Amazonas**Notes:** Sattler and Sykora 1977

**Genus *Metrichia* Ross, 1938**

**Notes:** Ross 1938

***Metrichia pernambucana* Souza & Santos, 2013**

**Distribution:** Pernambuco

**Notes:** Souza et al. 2013b

***Metrichia* sp.**

**Distribution:** Amazonas, Goias, Rio de Janeiro, Rio Grande do Sul, São Paulo

**Notes:** Pes et al. 2005, Spies et al. 2006, Martins-Silva et al. 2008, Spies and Froehlich 2009, Dumas and Nessimian 2012

**Genus *Neotrichia* Morton, 1905**

**Notes:** Morton 1905

***Neotrichia abbreviata* Flint, 1983**

**Distribution:** Santa Catarina

**Notes:** Flint Jr 1983a

***Neotrichia bellinii* Santos & Nessimian, 2009**

**Distribution:** Amazonas

**Notes:** Santos and Nessimian 2009b

***Neotrichia browni* Harris, 1990**

**Distribution:** Amazonas

**Notes:** Harris 1990, Santos and Nessimian 2009b

***Neotrichia colmillosa* Harris, 1990**

**Distribution:** Amazonas

**Notes:** Harris 1990, Santos and Nessimian 2009b

***Neotrichia didii* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia djalmasantosi* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia dubitans* (Mosely), 1939****Distribution:** Rio de Janeiro, Santa Catarina**Notes:** Mosely 1939, Dumas et al. 2009***Neotrichia durior* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a***Neotrichia feolai* Santos & Nessimian, 2009****Distribution:** Amazonas, Pernambuco**Notes:** Santos and Nessimian 2009b, Souza et al. 2013b***Neotrichia filifera* Flint, 1983****Distribution:** Minas Gerais, Pernambuco**Notes:** Flint Jr 1983a, Blahnik et al. 2004, Souza et al. 2013b***Neotrichia garrinchai* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia gilmari* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b

***Neotrichia longissima* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a***Neotrichia niltonsantosi* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia noteuna* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939***Neotrichia novara* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939***Neotrichia orlandoi* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia ovona* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939***Neotrichia pelei* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia rotundata* Flint, 1974****Distribution:** Roraima**Notes:** Flint Jr 1974a

***Neotrichia sicilicula* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a***Neotrichia tertia* (Mosely), 1939****Distribution:** Santa Catarina**Notes:** Mosely 1939***Neotrichia teutonia* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a***Neotrichia vavai* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia zagalloi* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b***Neotrichia zitoi* Santos & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos and Nessimian 2009b**Genus *Nothotrichia* Flint, 1967****Notes:** Flint Jr 1967, Harris and Armitage 1997***Nothotrichia tupi* Holzenthal & Harris, 2002****Distribution:** Brazil**Notes:** Holzenthal and Harris 2002

**Genus *Ochrotrichia* Mosely, 1934**

**Notes:** Mosely 1934b

***Ochrotrichia caatinga* Souza, Santos & Takiya, 2014**

**Distribution:** Ceará

**Notes:** Souza et al. 2014

***Ochrotrichia concha* Bueno & Santiago, 1992**

**Distribution:** Amazonas

**Notes:** Bueno-Soria and Santiago-Fragoso 1992

***Ochrotrichia constricta* Souza, Santos & Takiya, 2014**

**Distribution:** Bahia

**Notes:** Souza et al. 2014

***Ochrotrichia igrapiuna* Souza, Santos & Takiya, 2014**

**Distribution:** Bahia

**Notes:** Souza et al. 2014

***Ochrotrichia limeirai* Souza, Santos & Takiya, 2014**

**Distribution:** Ceará

**Notes:** Souza et al. 2014

***Ochrotrichia manuensis* Flint & Bueno-Soria**

**Distribution:** Bahia

**Notes:** Souza et al. 2014

***Ochrotrichia patulosa* (Wasmund & Holzenthal), 2007**

**Distribution:** Ceará, Rio de Janeiro

**Notes:** Dumas et al. 2009, Oláh and Johanson 2011, Quinteiro et al. 2014

***Ochrotrichia priapo* Souza, Santos & Takiya, 2014****Distribution:** Bahia**Notes:** Souza et al. 2014**Genus *Oxyethira* Eaton, 1873****Notes:** Eaton 1873***Oxyethira bettyae* Thomson & Holzenthal, 2012****Distribution:** Pernambuco**Notes:** Thomson and Holzenthal 2012, Souza et al. 2013b***Oxyethira bicornuta* Kelley, 1983****Distribution:** Amazonas**Notes:** Kelley 1983***Oxyethira brasiliensis* Kelley, 1983****Distribution:** Para**Notes:** Kelley 1983***Oxyethira circaverna* Kelley, 1983****Distribution:** Amazonas**Notes:** Kelley 1983, Santos et al. 2009***Oxyethira discaelata* Kelley, 1983****Distribution:** Amazonas**Notes:** Kelley 1983***Oxyethira espinada* Holzenthal & Harris, 1992****Distribution:** Minas Gerais**Notes:** Harris and Holzenthal 1992, Dumas et al. 2009, Blahnik et al. 2004

***Oxyethira hyalina* Müller, 1879****Distribution:** Santa Catarina**Notes:** Müller 1879b***Oxyethira lagunita* Flint, 1983****Distribution:** Parana**Notes:** Flint Jr 1983a***Oxyethira longipenis* Santos, Henriques-Oliveira & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos et al. 2009***Oxyethira longissima* Flint, 1974****Distribution:** Amazonas**Notes:** Flint Jr 1974a, Santos et al. 2009***Oxyethira luanae* Santos, Henriques-Oliveira & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos et al. 2009***Oxyethira macrosterna* Flint, 1974****Distribution:** Amazonas**Notes:** Flint Jr 1974a, Santos et al. 2009***Oxyethira merga* Kelley, 1983****Distribution:** Roraima**Notes:** Kelley 1983***Oxyethira parce* (Edwards & Arnold), 1961****Distribution:** Minas Gerais**Notes:** Edwards and Arnold 1961, Blahnik et al. 2004

***Oxyethira peruviana* Harris & Davenport, 1999****Distribution:** Amazonas**Notes:** Harris and Davenport 1999, Santos et al. 2009***Oxyethira picita* Harris & Davenport, 1999****Distribution:** Amazonas**Notes:** Harris and Davenport 1999, Santos et al. 2009***Oxyethira presilla* Harris & Davenport, 1999****Distribution:** Amazonas**Notes:** Harris and Davenport 1999, Santos et al. 2009***Oxyethira santiagensis* Flint, 1982****Distribution:** Brazil**Notes:** Flint Jr 1982b***Oxyethira sinistra* Santos, Henriques-Oliveira & Nessimian, 2009****Distribution:** Amazonas**Notes:** Santos et al. 2009***Oxyethira spirogyrae* Müller, 1879****Distribution:** Santa Catarina**Notes:** Müller 1879b***Oxyethira spissa* Kelley, 1983****Distribution:** Amazonas, Para**Notes:** Kelley 1983***Oxyethira tica* Holzenthal & Harris, 1992****Distribution:** Amazonas, Minas Gerais, Rio de Janeiro

**Notes:** Harris and Holzenthal 1992, Blahnik et al. 2004, Santos et al. 2009, Dumas and Nessimian 2012

### ***Oxyethira zilaba* (Mosely), 1939**

**Distribution:** Minas Gerais, Parana, Santa Catarina, Sao Paulo

**Notes:** Mosely 1939, Blahnik et al. 2004

### **Genus *Peltopsyche* Müller, 1879**

**Notes:** Müller 1879b, Flint Jr 1971

#### ***Peltopsyche macclachlani* Müller, 1879**

**Distribution:** Santa Catarina

**Notes:** Müller 1879b

#### ***Peltopsyche sieboldii* Müller, 1879 *sieboldi* em Morse**

**Distribution:** Santa Catarina

**Notes:** Müller 1879b

### **Genus *Rhyacopsyche* Müller, 1879**

**Notes:** Müller 1879b

#### ***Rhyacopsyche angra* Santos, Jardim & Nessimian, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Santos et al. 2009

#### ***Rhyacopsyche bulbosa* Wasmund & Holzenthal, 2007**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Wasmund and Holzenthal 2007

#### ***Rhyacopsyche diacantha* Santos, Jardim & Nessimian, 2011**

**Distribution:** Para

**Notes:** Santos et al. 2011

***Rhyacopsyche dikrosa* Wasmund & Holzenthal, 2007****Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo****Notes:** Wasmund and Holzenthal 2007***Rhyacopsyche hagenii* Müller, 1879****Distribution: Parana, Rio de Janeiro, Santa Catarina, Sao Paulo****Notes:** Müller 1879b, Wasmund and Holzenthal 2007, Dumas et al. 2009**Genus *Taraxitrichia* Flint & Harris, 1992*****Taraxitrichia* sp.****Distribution: Amazonas****Notes:** Flint Jr and Harris 1992, Pes and Hamada 2003**Genus *Tricholeiochiton* Kloet & Hincks, 1944****Notes:** Kloet and Hincks 1944***Tricholeiochiton neotropicalis* Flint, 1992****Distribution: Roraima****Notes:** Flint Jr 1992**Genus *Zumatrichia* Mosely, 1937****Notes:** Mosely 1937***Zumatrichia* sp.****Distribution: Amazonas****Notes:** Mosely 1937, Pes and Hamada 2004

## Leptoceridae

### Genus *Achoropsyche* Holzenthal, 1984

Notes: Holzenthal 1984

#### *Achoropsyche duodecimpunctata* (Navás), 1916

Distribution: Amazonas, Espírito Santo, Minas Gerais, **Mato Grosso**, Para, Paraná, Rio de Janeiro, **Rondônia**, Roraima, Santa Catarina, São Paulo

Notes: Navás 1916a, Almeida and Marinoni 2000, Blahnik et al. 2004, Dumas et al. 2009, Nogueira and Cabette 2011, Quinteiro et al. 2014

### Genus *Amazonatolica* Holzenthal & Pes, 2004

Notes: Holzenthal and Pes 2004

#### *Amazonatolica hamadae* Holzenthal & Pes, 2004

Distribution: **Amazonas**, Bahia, **Mato Grosso**, **Rondônia**

Notes: Holzenthal and Pes 2004, Nogueira and Cabette 2011

### Genus *Atanatolica* Mosely, 1936

Notes: Mosely 1936, Holzenthal 1988b

#### *Atanatolica brasiliiana* (Brauer), 1865

Distribution: Rio de Janeiro, **São Paulo**

Notes: Brauer 1865, Calor 2011

#### *Atanatolica flinti* Holzenthal, 1988

Distribution: Rio de Janeiro

Notes: Holzenthal 1988b

### Genus *Grumichella* Müller, 1879

Notes: Müller 1879b, Holzenthal 1988b

***Grumichella aequiunguis* Flint, 1983**

**Distribution:** Minas Gerais, Parana, Santa Catarina

**Notes:** Flint Jr 1983a, Blahnik et al. 2004

***Grumichella rostrata* Thienemann, 1905**

**Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo, Santa Catarina

**Notes:** Thienemann 1905, Holzenthal 1988b

**Genus *Nectopsyche* Müller, 1879**

**Notes:** Müller 1879b

***Nectopsyche adusta* Flint, 1983**

**Distribution:** Sao Paulo

**Notes:** Flint Jr 1983a, Calor 2011

***Nectopsyche aureovittata* Flint, 1983**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1983a, Almeida and Marinoni 2000, Blahnik et al. 2004

***Nectopsyche acutiloba* Flint, 1974**

**Distribution:** Minas Gerais

**Notes:** Flint Jr 1974a, Blahnik et al. 2004

***Nectopsyche bella* (Müller), 1921**

**Distribution:** Santa Catarina

**Notes:** Müller 1921

***Nectopsyche bruchi* (Navás), 1920**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro

**Notes:** Navás 1920, Dumas et al. 2009

***Nectopsyche brunneofascia* Flint, 1983**

**Distribution:** Sao Paulo, Santa Catarina

**Notes:** Flint Jr 1983a, Blahnik et al. 2004

***Nectopsyche diminuta* (Banks), 1920**

**Distribution:** Amazonas, Para, Roraima

**Notes:** Banks 1920, Flint Jr 1991

***Nectopsyche flavofasciata* (Ulmer), 1907**

**Distribution:** Minas Gerais, Santa Catarina

**Notes:** Ulmer 1907a, Blahnik et al. 2004

***Nectopsyche fuscomaculata* Flint, 1983**

**Distribution:** Minas Gerais, Pernambuco, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1983a, Almeida and Marinoni 2000, Blahnik et al. 2004, Dumas and Nessimian 2012, Souza et al. 2013a

***Nectopsyche gemma* (Müller), 1880**

**Distribution:** Santa Catarina

**Notes:** Müller 1880

***Nectopsyche gemmoides* Flint, 1981**

**Distribution:** Sao Paulo

**Notes:** Flint Jr 1981, Calor 2011

***Nectopsyche jensenii* (Ulmer), 1905**

**Distribution:** Amazonas

**Notes:** Ulmer 1905b

***Nectopsyche modesta* Müller, 1921****Distribution:** Santa Catarina**Notes:** Müller 1921***Nectopsyche muelleri* (Ulmer), 1905****Distribution:** Santa Catarina**Notes:** Ulmer 1905a***Nectopsyche muhni* (Navás), 1916****Distribution:** Minas Gerais, Rio de Janeiro, Roraima, São Paulo**Notes:** Navás 1916b, Flint Jr 1991, Blahnik et al. 2004, Dumas et al. 2009, Calor 2011***Nectopsyche multilineata* Flint, 1983****Distribution:** Roraima**Notes:** Flint Jr 1983a, Flint Jr 1991***Nectopsyche navasi* Holzenthal, 1999****Distribution:** Santa Catarina**Notes:** Flint Jr et al. 1999a***Nectopsyche nigricapilla* (Navás), 1922****Distribution:** MatoGrosso**Notes:** Nogueira and Cabette 2011***Nectopsyche ortizi* Holzenthal, 1995****Distribution:** Minas Gerais, Para, Paraná, Rio de Janeiro,**Notes:** Holzenthal 1995, Almeida and Marinoni 2000, Blahnik et al. 2004***Nectopsyche pantosticta* Flint, 1983****Distribution:** Rio de Janeiro, Rio Grande do Sul, São Paulo**Notes:** Flint Jr 1983a, Blahnik et al. 2004, Calor 2011

***Nectopsyche punctata* (Ulmer), 1905**

**Distribution:** Minas Gerais, Para, **Rio de Janeiro, Roraima, Sao Paulo**

**Notes:** Ulmer 1905b, Flint Jr 1991, Blahnik et al. 2004, Dumas et al. 2009

***Nectopsyche quatourguttata* (Navás), 1922**

**Distribution:** **Mato Grosso**

**Notes:** Nogueira and Cabette 2011

***Nectopsyche separata* (Banks), 1920**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Banks 1920, Almeida and Marinoni 2000, Blahnik et al. 2004

***Nectopsyche splendida* (Navás), 1917**

**Distribution:** **Bahia, Minas Gerais, Piaui, Parana, Roraima**

**Notes:** Navás 1917, Flint Jr 1991, Almeida and Marinoni 2000, Blahnik et al. 2004, Quinteiro et al. 2014

**Genus *Neoathripsodes* Holzenthal, 1989**

**Notes:** Holzenthal 1989

***Neoathripsodes anomalus* Holzenthal, 1989**

**Distribution:** Minas Gerais, Rio de Janeiro, **Sao Paulo**

**Notes:** Holzenthal 1984, Calor 2011

**Genus *Notalina* Mosely, 1936**

**Notes:** Mosely 1936, Holzenthal 1988b

***Notalina (Neonotalina) brasiliiana* Holzenthal, 1986**

**Distribution:** Minas Gerais

**Notes:** Holzenthal 1986

***Notalina (Neonotalina) cipo* Holzenthal, 1986****Distribution:** Minas Gerais**Notes:** Holzenthal 1986***Notalina (Neonotalina) froehlichi* Calor & Holzenthal, 2006****Distribution:** Minas Gerais**Notes:** Calor et al. 2006***Notalina (Neonotalina) goianensis* Calor, 2008****Distribution:** Goias**Notes:** Calor 2008b***Notalina (Neonotalina) hamiltoni* Holzenthal, 1986****Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Holzenthal 1986, Dumas and Nessimian 2012***Notalina (Neonotalina) jordanensis* Henriques-Oliveira, Spies & Dumas, 2012****Distribution:** Minas Gerais, Sao Paulo**Notes:** Henriques-Oliveira et al. 2012***Notalina (Neonotalina) morsei* Holzenthal, 1986****Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Holzenthal 1986, Calor et al. 2006, Calor 2011***Notalina (Neonotalina) paulista* Calor & Holzenthal, 2006****Distribution:** Rio de Janeiro, Sao Paulo**Notes:** Calor et al. 2006**Genus *Oecetis* McLachlan, 1877****Notes:** McLachlan 1877

*Oecetis amazonica* (Banks), 1924

**Distribution:** Amazonas

**Notes:** Banks 1924

*Oecetis angelae* Henriques-Oliveria, Dumas & Nessimian, 2014

**Distribution:** Mato Grosso do Sul

**Notes:** Henriques-Oliveira et al. 2014

*Oecetis connata* Flint, 1974

**Distribution:** Amazonas, Para

**Notes:** Flint Jr 1974a, Dumas et al. 2010, Quinteiro et al. 2014

*Oecetis danielae* Henriques-Oliveria, Dumas & Nessimian, 2014

**Distribution:** Amazonas

**Notes:** Henriques-Oliveira et al. 2014

*Oecetis excisa* Ulmer, 1907

**Distribution:** Bahia, Ceara, Pernambuco, Sao Paulo

**Notes:** Ulmer 1907a, Calor 2011, Souza et al. 2013a, Quinteiro et al. 2014

*Oecetis fibra* Chen & Morse, 2012

**Distribution:** Sao Paulo

**Notes:** Quinteiro and Calor 2012

*Oecetis iara* Henriques-Oliveria, Dumas & Nessimian, 2014

**Distribution:** Parana

**Notes:** Henriques-Oliveira et al. 2014

*Oecetis inconspicua* (Walker), 1852

**Distribution:** Bahia, Minas Gerais, Paraiba, Parana, Piaui, Sao Paulo

**Notes:** Walker 1852, Blahnik et al. 2004, Calor 2011, Quinteiro et al. 2014

***Oecetis iguazu* Flint, 1983**

**Distribution:** Bahia, Espirito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1983a, Blahnik et al. 2004, Quinteiro et al. 2014

***Oecetis paranensis* Flint, 1982**

**Distribution:** Bahia, Minas Gerais, Pernambuco

**Notes:** Flint Jr 1982a, Souza et al. 2013a, Quinteiro et al. 2014

***Oecetis punctipennis* (Ulmer), 1905**

**Distribution:** Bahia, Minas Gerais, Sao Paulo, Pernambuco, Roraima

**Notes:** Ulmer 1905b, Flint Jr 1991, Calor 2011, Souza et al. 2013a

***Oecetis rafaeli* Flint, 1991**

**Distribution:** Roraima

**Notes:** Flint Jr 1991

**Genus *Setodes* Rambur, 1842**

**Notes:** Rambur 1842

***Setodes* sp.**

**Distribution:** Goias

**Notes:** Barbosa et al. 2011

**Genus *Triplectides* Kolenati, 1859**

**Notes:** Kolenati 1859

***Triplectides egleri* Sattler, 1963**

**Distribution:** Amazonas, Para

**Notes:** Sattler 1963

***Triplectides gracilis* (Burmeister), 1839**

**Distribution:** Bahia, Espírito Santo, Minas Gerais, Rio de Janeiro, Paraná, Santa Catarina, São Paulo

**Notes:** Burmeister 1839, Holzenthal 1988a, Almeida and Marinoni 2000, Quinteiro et al. 2014

***Triplectides itatiaia* Dumas & Nessimian, 2010**

**Distribution:** Rio de Janeiro

**Notes:** Dumas and Nessimian 2010a

***Triplectides misionensis* Holzenthal, 1988**

**Distribution:** Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina, São Paulo

**Notes:** Holzenthal 1988a, Blahnik et al. 2004, Dumas et al. 2010

***Triplectides neotropicus* Holzenthal, 1988**

**Distribution:** Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Holzenthal 1988a, Blahnik et al. 2004, Dumas et al. 2009, Calor 2011

***Triplectides ultimus* Holzenthal, 1988**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Holzenthal 1988a, Dumas et al. 2010

**Limnephilidae****Genus *Antarctoecia* Ulmer, 1907**

**Notes:** Ulmer 1907b

***Antarctoecia brasiliensis* Huamantinco & Nessimian, 2003**

**Distribution:** Minas Gerais

**Notes:** Huamantinco and Nessimian 2003, Huamantinco and Nessimian 2004a

## Odontoceridae

### Genus *Anastomoneura* Huamantinco & Nessimian, 2004

#### *Anastomoneura guahybae* Huamantinco & Nessimian, 2004

**Distribution:** Minas Gerais

**Notes:** Huamantinco and Nessimian 2004b

### Genus *Barypenthus* Burmeister, 1839

**Notes:** Burmeister 1839, Flint Jr 1969a, Paprocki and Holzenthal 2002

#### *Barypenthus concolor* Burmeister, 1839

**Distribution:** Bahia, Minas Gerais, Rio de Janeiro, Sao Paulo

**Notes:** Burmeister 1839, Paprocki and Holzenthal 2002, Quinteiro et al. 2014

### Genus *Marilia* Müller, 1880

**Notes:** Müller 1880

#### *Marilia aiuruoca* Dumas & Nessimian, 2009

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Dumas and Nessimian 2009a

#### *Marilia alata* Flint, 1974

**Distribution:** Amazonas, Pernambuco

**Notes:** Flint Jr 1974a, Souza et al. 2013a

#### *Marilia albicornis* (Burmeister), 1839

**Distribution:** Sao Paulo

**Notes:** Burmeister 1839, Calor 2011

*Marilia elongata* Martynov, 1912

**Distribution:** Minas Gerais

**Notes:** Martynov 1912, Blahnik et al. 2004

*Marilia fasciculata* Banks, 1913

**Distribution:** Pernambuco, Rondonia

**Notes:** Banks 1913, Souza et al. 2013a

*Marilia flexuosa* Ulmer, 1905

**Distribution:** Brazil

**Notes:** Ulmer 1905b

*Marilia guaira* Flint, 1983

**Distribution:** Goias, Roraima

**Notes:** Flint Jr 1983a, Flint Jr 1991

*Marilia huamantincoae* Dumas & Nessimian, 2009

**Distribution:** Rio de Janeiro

**Notes:** Dumas and Nessimian 2009a

*Marilia infundibulum* Flint, 1983

**Distribution:** Santa Catarina

**Notes:** Flint Jr 1983a

*Marilia lateralis* Flint, 1983

**Distribution:** Mato Grosso do Sul

**Notes:** Flint Jr 1983a

*Marilia major* Müller, 1880

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina

**Notes:** Müller 1880, Blahnik et al. 2004, Dumas and Nessimian 2009a

***Marilia minor* Müller, 1880**

**Distribution:** Minas Gerais, Rio de Janeiro, Santa Catarina

**Notes:** Müller 1880, Blahnik et al. 2004

***Marilia sioli* Marlier, 1964**

**Distribution:** Amazonas

**Notes:** Marlier 1964b

***Marilia truncata* Flint, 1983**

**Distribution:** Minas Gerais

**Notes:** Flint Jr 1983a, Blahnik et al. 2004

**Philopotamidae****Genus *Alterosa* Blahnik, 2005**

**Notes:** Flint Jr 1971, Almeida and Duarte 2003, Blahnik 2005

***Alterosa affinis* Dumas & Nessimian, 2013**

**Distribution:** Espírito Santo, Minas Gerais

**Notes:** Dumas and Nessimian 2013

***Alterosa amadoi* Dumas, Calor & Nessimian, 2013**

**Distribution:** Bahia

**Notes:** Dumas et al. 2013

***Alterosa bandeira* Dumas & Nessimian, 2013**

**Distribution:** Espírito Santo, Minas Gerais

**Notes:** Dumas and Nessimian 2013

***Alterosa beckeri* Blahnik, 2005****Distribution:** Minas Gerais, Rio de Janeiro**Notes:** Blahnik 2005, Dumas et al. 2010***Alterosa bilanceolata* Dumas & Nessimian, 2013****Distribution:** Parana**Notes:** Dumas and Nessimian 2013***Alterosa bocaina* Blahnik, 2005****Distribution:** Sao Paulo**Notes:** Blahnik 2005***Alterosa boraceiae* Blahnik, 2005****Distribution:** Sao Paulo**Notes:** Blahnik 2005***Alterosa caissara* Dumas & Nessimian, 2013****Distribution:** Sao Paulo**Notes:** Dumas and Nessimian 2013***Alterosa caparaonensis* Blahnik, 2005****Distribution:** Espírito Santo, Minas Gerais**Notes:** Blahnik 2005, Dumas and Nessimian 2013***Alterosa capixaba* Dumas & Nessimian, 2013****Distribution:** Espírito Santo**Notes:** Dumas and Nessimian 2013***Alterosa castroalvesi* Dumas, Calor & Nessimian, 2013****Distribution:** Bahia**Notes:** Dumas et al. 2013

***Alterosa catarinae* Dumas & Nessimian, 2013****Distribution: Santa Catarina****Notes:** Dumas and Nessimian 2013***Alterosa caymmii* Dumas, Calor & Nessimian, 2013****Distribution: Bahia****Notes:** Dumas et al. 2013***Alterosa escova* Blahnik, 2005****Distribution: Rio de Janeiro, Sao Paulo****Notes:** Blahnik 2005***Alterosa falcata* Blahnik, 2005****Distribution: Minas Gerais, Rio de Janeiro, Sao Paulo****Notes:** Blahnik 2005***Alterosa fimbriata* Blahnik, 2005****Distribution: Rio de Janeiro****Notes:** Blahnik 2005***Alterosa flinti* Blahnik, 2005****Distribution: Espirito Santo, Minas Gerais, Rio de Janeiro****Notes:** Blahnik 2005, Dumas and Nessimian 2013***Alterosa fluminensis* Blahnik, 2005****Distribution: Rio de Janeiro****Notes:** Blahnik 2005

***Alterosa graciosa* Dumas & Nessimian, 2013****Distribution: Parana****Notes:** Dumas and Nessimian 2013***Alterosa guapimirim* Blahnik, 2005****Distribution: Rio de Janeiro****Notes:** Blahnik 2005***Alterosa holzenthali* Blahnik, 2005****Distribution: Santa Catarina****Notes:** Blahnik 2005***Alterosa inappendiculata* Dumas & Nessimian, 2013****Distribution: Parana****Notes:** Dumas and Nessimian 2013***Alterosa intervalles* Blahnik, 2005****Distribution: Parana, Sao Paulo****Notes:** Blahnik 2005, Dumas and Nessimian 2013***Alterosa itatiaiae* Blahnik, 2005****Distribution: Rio de Janeiro****Notes:** Blahnik 2005***Alterosa jordaensis* Blahnik, 2005****Distribution: Sao Paulo****Notes:** Blahnik 2005***Alterosa marinonii* (Almeida & Duarte), 2003****Distribution: Parana, Sao Paulo****Notes:** Almeida and Duarte 2003, Blahnik 2005, Dumas and Nessimian 2013

*Alterosa morato* Dumas & Nessimian, 2013**Distribution:** Parana**Notes:** Dumas and Nessimian 2013*Alterosa nessimiani* Jardim & Dumas, 2012**Distribution:** Rio de Janeiro**Notes:** Jardim and Dumas 2012*Alterosa orgaosensis* Blahnik, 2005**Distribution:** Rio de Janeiro**Notes:** Blahnik 2005*Alterosa paprockii* Blahnik, 2005**Distribution:** Minas Gerais**Notes:** Blahnik 2005*Alterosa paranaensis* Dumas & Nessimian, 2013**Distribution:** Parana**Notes:** Dumas and Nessimian 2013*Alterosa ruschii* Dumas & Nessimian, 2013**Distribution:** Espirito Santo**Notes:** Dumas and Nessimian 2013*Alterosa sanctaeteresae* Blahnik, 2005**Distribution:** Espirito Santo**Notes:** Blahnik 2005*Alterosa sanctipauli* (Flint), 1971**Distribution:** Sao Paulo**Notes:** Flint Jr 1971, Blahnik 2005

***Alterosa schadrackorum* Blahnik, 2005****Distribution:** Santa Catarina**Notes:** Blahnik 2005***Alterosa spiesae* Dumas & Nessimian, 2013****Distribution:** Sao Paulo**Notes:** Dumas and Nessimian 2013***Alterosa tripuiensis* Blahnik, 2005****Distribution:** Minas Gerais**Notes:** Blahnik 2005***Alterosa truncata* Blahnik, 2005****Distribution:** Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo**Notes:** Blahnik 2005, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012**Genus *Chimarra* Stephens, 1829****Notes:** Stephens 1829, Flint Jr 1998, Blahnik 1998***Chimarra (Chimarra) adamsae* Blahnik, 1998****Distribution:** Minas Gerais, Para, Paraná, São Paulo**Notes:** Blahnik 1998, Blahnik et al. 2004***Chimarra (Chimarra) calori* Blahnik & Holzenthal, 2012****Distribution:** Minas Gerais, São Paulo**Notes:** Blahnik and Holzenthal 2012***Chimarra (Chimarra) uara* Flint, 1971****Distribution:** Amazonas, Distrito Federal, Minas Gerais, Para, Pernambuco, Rondonia, Santa Catarina**Notes:** Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Souza et al. 2013a

***Chimarra (Chimarrita) akantha* Blahnik, 1997****Distribution:** Amazonas**Notes:** Blahnik 1997***Chimarra (Chimarrita) camella* Blahnik, 1997****Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Blahnik 1997, Blahnik et al. 2004***Chimarra (Chimarrita) camura* Blahnik, 1997****Distribution:** Rio de Janeiro, Sao Paulo**Notes:** Blahnik 1997, Blahnik et al. 2004***Chimarra (Chimarrita) chela* Blahnik, 1997****Distribution:** Amazonas**Notes:** Blahnik 1997, Santos and Nessimian 2009d***Chimarra (Chimarrita) curvipenis* Blahnik & Holzenthal, 2012****Distribution:** Minas Gerais**Notes:** Blahnik and Holzenthal 2012***Chimarra (Chimarrita) heligma* Blahnik, 1997****Distribution:** Minas Gerais**Notes:** Blahnik 1997***Chimarra (Chimarrita) kontilos* Blahnik, 1997****Distribution:** Espirito Santo, Minas Gerais, Rio de Janeiro, Sao Paulo**Notes:** Blahnik 1997, Blahnik et al. 2004***Chimarra (Chimarrita) latiforceps* Blahnik & Holzenthal, 2012****Distribution:** Minas Gerais, Sao Paulo**Notes:** Blahnik and Holzenthal 2008

***Chimarra (Chimarrita) majuscula* Blahnik, 1997**

**Distribution:** Rio de Janeiro, Sao Paulo

**Notes:** Blahnik 1997, Blahnik et al. 2004

***Chimarra (Chimarrita) simpliciforma* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Chimarra (Chimarrita) tortuosa* Blahnik, 1997**

**Distribution:** Amazonas

**Notes:** Blahnik 1997

***Chimarra (Chimarrita) xingu* Blahnik, 1997**

**Distribution:** Para

**Notes:** Blahnik 1997

***Chimarra (Curgia) aurivittata* Flint, 1971**

**Distribution:** Amazonas, Rondonia

**Notes:** Flint Jr 1971, Flint Jr 1998

***Chimarra (Curgia) beckeri* Flint, 1998**

**Distribution:** Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Flint Jr 1998, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Chimarra (Curgia) boraceia* Flint, 1998**

**Distribution:** São Paulo

**Notes:** Flint Jr 1998

***Chimarra (Curgia) brasiliiana* (Ulmer), 1905**

**Distribution:** Paraná, Santa Catarina

**Notes:** Ulmer 1905a, Almeida and Marinoni 2001

***Chimarra (Curgia) burmeisteri* Flint, 1998****Distribution:** Rio de Janeiro**Notes:** Flint Jr 1998***Chimarra (Curgia) camposae* Flint, 1998****Distribution:** Minas Gerais**Notes:** Flint Jr 1998***Chimarra (Curgia) centrispina* Flint, 1998****Distribution:** Minas Gerais**Notes:** Flint Jr 1998***Chimarra (Curgia) cipoensis* Flint, 1998****Distribution:** Minas Gerais**Notes:** Flint Jr 1998***Chimarra (Curgia) conica* Flint, 1983****Distribution:** Espírito Santo, Ceará, Goiás, Minas Gerais, Mato Grosso, Rio de Janeiro, Rondônia, Santa Catarina**Notes:** Flint Jr 1983a, Flint Jr 1998, Blahnik et al. 2004, Barcelos-Silva et al. 2012***Chimarra (Curgia) cultellata* Flint, 1983****Distribution:** Distrito Federal, Minas Gerais, Pará, Rio de Janeiro, Rondônia, Santa Catarina**Notes:** Flint Jr 1983a, Flint Jr 1998, Dumas et al. 2009, Dumas et al. 2010***Chimarra (Curgia) donamariae* Denning & Sykora, 1968****Distribution:** Pará**Notes:** Denning and Sykora 1968

***Chimarra (Curgia) fittkaui* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Chimarra (Curgia) froehlichi* Flint, 1998****Distribution:** Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo**Notes:** Flint Jr 1998, Blahnik et al. 2004***Chimarra (Curgia) hyoeides* Flint, 1983****Distribution:** Espírito Santo, Para, Pernambuco, Santa Catarina, São Paulo**Notes:** Flint Jr 1983a, Flint Jr 1998, Barcelos-Silva et al. 2012, Souza et al. 2013a***Chimarra (Curgia) jugescens* Flint, 1998****Distribution:** Amazonas**Notes:** Flint Jr 1998, Santos and Nessimian 2009d***Chimarra (Curgia) medioloba* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Chimarra (Curgia) morio* Burmeister, 1839****Distribution:** Bahia, Paraná, Rio de Janeiro, Santa Catarina, São Paulo**Notes:** Burmeister 1839, Flint Jr 1998***Chimarra (Curgia) parana* Flint, 1972****Distribution:** Espírito Santo, Distrito Federal, Goiás, Minas Gerais, Pernambuco, Rio de Janeiro, Santa Catarina, São Paulo**Notes:** Flint Jr 1972, Flint Jr 1998, Barcelos-Silva et al. 2012, Souza et al. 2013a***Chimarra (Curgia) paucispina* Santos & Nessimian, 2009****Distribution:** Amazonas

**Notes:** Santos and Nessimian 2009d

***Chimarra (Curgia) petersonum* Flint, 1998**

**Distribution:** Parana

**Notes:** Flint Jr 1998

***Chimarra (Curgia) petricola* Flint, 1998**

**Distribution:** Espirito Santo, Rio de Janeiro

**Notes:** Flint Jr 1998, Barcelos-Silva et al. 2012

***Chimarra (Curgia) plaumanni* Flint, 1983**

**Distribution:** Espirito Santo, Santa Catarina

**Notes:** Flint Jr 1983a, Barcelos-Silva et al. 2012

***Chimarra (Curgia) quaternaria* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Chimarra (Curgia) scopuloides* Flint, 1974**

**Distribution:** Goias, Para, Rondonia, Roraima, Santa Catarina

**Notes:** Flint Jr 1974a, Flint Jr 1998

***Chimarra (Curgia) teresae* Flint, 1998**

**Distribution:** Espirito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, Sao Paulo

**Notes:** Flint Jr 1998, Blahnik et al. 2004, Dumas et al. 2009, Barcelos-Silva et al. 2012

***Chimarra (Curgia) tucuna* Flint, 1998**

**Distribution:** Amazonas

**Notes:** Flint Jr 1998

***Chimarra (Curgia) ypsilon* Flint, 1983**

**Distribution:** Parana, Rio de Janeiro, Santa Catarina

**Notes:** Flint Jr 1983a, Almeida and Marinoni 2001

***Chimarra (Otarrha) diaksis* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Chimarra (Otarrha) odonta* Blahnik, 2002**

**Distribution:** Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo

**Notes:** Blahnik 2002, Dumas et al. 2010, Barcelos-Silva et al. 2012

***Chimarra (undetermined) usitatissima* Flint, 1971**

**Distribution:** Amazonas, Minas Gerais, Pará, Rondônia

**Notes:** Flint Jr 1971, Flint Jr 1974a, Blahnik 1997

**Genus *Dolophilodes* Ulmer, 1909**

**Notes:** Ulmer 1909

***Dolophilodes* sp.**

**Distribution:** Goiás

**Notes:** Martins-Silva et al. 2008

**Genus *Wormaldia* McLachlan, 1865*****Wormaldia planae* Ross & King, 1956**

**Distribution:** Brazil

**Notes:** Ross 1956a, Flint Jr et al. 1999b

## Polycentropodidae

### Genus *Cernotina* Ross, 1938

Notes: Ross 1938, Flint Jr 1971

#### *Cernotina abbreviata* Flint, 1971

Distribution: Para

Notes: Flint Jr 1971

#### *Cernotina acalyptera* Flint, 1971

Distribution: Amazonas

Notes: Flint Jr 1971

#### *Cernotina anhanguera* Camargos, Barcelos-Silva & Pes, 2013

Distribution: Goias

Notes: Barcelos-Silva et al. 2013

#### *Cernotina antonina* Holzenthal & Almeida, 2003

Distribution: Espirito Santo, Minas Gerais, Pernambuco, Parana

Notes: Holzenthal and Almeida 2003, Barcelos-Silva et al. 2013, Souza et al. 2013a

#### *Cernotina aruma* Santos & Nessimian, 2008

Distribution: Amazonas

Notes: Santos and Nessimian 2008

#### *Cernotina attenuata* Flint, 1971

Distribution: Amazonas

Notes: Flint Jr 1971

***Cernotina bibrachiata* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina bispicata* Camargos, Barcelos-Silva & Pes, 2013****Distribution:** Goias**Notes:** Barcelos-Silva et al. 2013***Cernotina cacha* Flint, 1971****Distribution:** Amazonas, Minas Gerais**Notes:** Flint Jr 1971, Blahnik et al. 2004***Cernotina cingulata* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina compressa* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina cygnea* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina cystophora* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina declinata* Flint, 1971****Distribution:** Para**Notes:** Flint Jr 1971

***Cernotina decumbens* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina ecotura* Sykora, 1998****Distribution:** Roraima**Notes:** Sykora 1998***Cernotina encrypta* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina falcata* Camargos, Barcelos-Silva & Pes, 2013****Distribution:** Goias**Notes:** Barcelos-Silva et al. 2013***Cernotina filiformis* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina flexuosa* Santos & Nessimian, 2008****Distribution:** Amazonas**Notes:** Santos and Nessimian 2008***Cernotina lanceolata* Barcelos-Silva, Camargos & Pes, 2013****Distribution:** Espirito Santo**Notes:** Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013***Cernotina lazzarii* Holzenthal & Almeida, 2003****Distribution:** Parana**Notes:** Holzenthal and Almeida 2003

***Cernotina lobisomem* Santos & Nessimian, 2008****Distribution:** Amazonas**Notes:** Santos and Nessimian 2008***Cernotina longispina* Barcelos-Silva, Camargos & Pes, 2013****Distribution:** Espírito Santo**Notes:** Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013***Cernotina obliqua* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971***Cernotina odonta* Santos & Nessimian, 2008****Distribution:** Amazonas**Notes:** Santos and Nessimian 2008***Cernotina perpendicularis* Flint, 1971****Distribution:** Amazonas, Minas Gerais, Para**Notes:** Flint Jr 1971, Blahnik et al. 2004***Cernotina pesae* Santos & Nessimian, 2008****Distribution:** Amazonas**Notes:** Santos and Nessimian 2008***Cernotina puri* Dumas & Nessimian, 2011****Distribution:** Rio de Janeiro**Notes:** Dumas and Nessimian 2011***Cernotina sexspinosa* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a

***Cernotina sinuosa* Barcelos-Silva, Camargos & Pes, 2013****Distribution: Espírito Santo****Notes:** Barcelos-Silva et al. 2012, Barcelos-Silva et al. 2013***Cernotina spinigera* Flint, 1971****Distribution: Goiás, Pará, Roraima****Notes:** Flint Jr 1971, Barcelos-Silva et al. 2013***Cernotina spinosior* Flint, 1991****Distribution: Roraima****Notes:** Flint Jr 1991***Cernotina subapicalis* Flint, 1971****Distribution: Amazonas****Notes:** Flint Jr 1971***Cernotina trispina* Flint, 1971****Distribution: Amazonas****Notes:** Flint Jr 1971***Cernotina uara* Flint, 1971****Distribution: Amazonas****Notes:** Flint Jr 1971***Cernotina unguiculata* Flint, 1971****Distribution: Pará****Notes:** Flint Jr 1971***Cernotina verticalis* Flint, 1971****Distribution: Amazonas****Notes:** Flint Jr 1971

**Genus *Cyrnellus* Banks, 1913**

**Notes:** Banks 1913, Flint Jr 1971

***Cyrnellus arotron* Flint, 1971**

**Distribution:** Amazonas, **Mato Grosso do Sul**, Para

**Notes:** Flint Jr 1971, Dumas et al. 2010

***Cyrnellus bifidus* Flint, 1971**

**Distribution:** Amazonas, **Mato Grosso do Sul**

**Notes:** Flint Jr 1971, Dumas et al. 2010

***Cyrnellus collaris* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971

***Cyrnellus fraternus* (Banks), 1905**

**Distribution:** Amazonas, **Bahia**, **Espirito Santo**, Minas Gerais, **Mato Grosso**, **Mato Grosso do Sul**, Para, Parana, **Rio de Janeiro**, Santa Catarina

**Notes:** Banks 1905, Blahnik et al. 2004, Dumas et al. 2009, Dumas et al. 2010, Nogueira and Cabette 2011

***Cyrnellus mammillatus* Flint, 1971**

**Distribution:** Amazonas, Minas Gerais, **Mato Grosso do Sul**, Para, **Pernambuco**, Parana, Rio de Janeiro, Sao Paulo

**Notes:** Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Souza et al. 2013a

***Cyrnellus risi* (Ulmer), 1907**

**Distribution:** Amazonas, **Espirito Santo**, Minas Gerais, Para

**Notes:** Ulmer 1907a, Blahnik et al. 2004, Barcelos-Silva et al. 2012

***Cyrnellus ulmeri* Flint, 1971**

**Distribution:** Amazonas, Para

**Notes:** Flint Jr 1971

**Genus *Nyctiophylax* Brauer, 1865**

**Notes:** Brauer 1865, Neboiss 1993

***Nyctiophylax neotropicalis* Flint, 1971**

**Distribution:** Amazonas, Espírito Santo, Minas Gerais, Para, Pernambuco, Parana, Rio de Janeiro

**Notes:** Flint Jr 1971, Blahnik et al. 2004, Dumas et al. 2010, Barcelos-Silva et al. 2012, Souza et al. 2013a

**Genus *Polycentropus* Curtis, 1835*****Polycentropus acinaciformis* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus amphirhamphus* Hamilton & Holzenthal, 2011**

**Distribution:** Rio de Janeiro, Santa Catarina, São Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus ancistrus* Hamilton & Holzenthal, 2011**

**Distribution:** São Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus boraceia* Hamilton & Holzenthal, 2011**

**Distribution:** São Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus caaete* Hamilton & Holzenthal, 2011**

**Distribution:** Parana, Santa Catarina, Sao Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus cachoeira* Hamilton & Holzenthal, 2011**

**Distribution:** Santa Catarina

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus carioca* Hamilton & Holzenthal, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus carolae* Hamilton & Holzenthal, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus cipoensis* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais, Sao Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus cheliceratus* Hamilton & Holzenthal, 2011**

**Distribution:** Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus fluminensis* Hamilton & Holzenthal, 2011**

**Distribution:** Espirito Santo, Minas Gerais, Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011, Barcelos-Silva et al. 2012

***Polycentropus froehlichi* Hamilton & Holzenthal, 2011**

**Distribution:** Santa Catarina

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus galharada* Hamilton & Holzenthal, 2011**

**Distribution:** Sao Paulo

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus graciosa* Hamilton & Holzenthal, 2011**

**Distribution:** Parana

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus inusitatus* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011, Dumas and Nessimian 2012

***Polycentropus itatiaia* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais, Rio de Janeiro

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus minero* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus paprockii* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus rosalysae* Hamilton & Holzenthal, 2011**

**Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo

**Notes:** Hamilton and Holzenthal 2011, Dumas and Nessimian 2012

***Polycentropus santateresae* Hamilton & Holzenthal, 2011**

**Distribution: Espírito Santo, Minas Gerais**

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus soniae* Hamilton & Holzenthal, 2011**

**Distribution: Paraná**

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus tripui* Hamilton & Holzenthal, 2011**

**Distribution: Minas Gerais**

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus urubici* Holzenthal & Almeida, 2003**

**Distribution: Minas Gerais, Paraná, Santa Catarina**

**Notes:** Holzenthal and Almeida 2003, Dumas et al. 2010

***Polycentropus verruculus* Hamilton & Holzenthal, 2011**

**Distribution: Minas Gerais, São Paulo**

**Notes:** Hamilton and Holzenthal 2011

***Polycentropus virginiae* Hamilton & Holzenthal, 2011**

**Distribution: Minas Gerais**

**Notes:** Hamilton and Holzenthal 2011

**Genus *Polyplectropus* Ulmer, 1905**

**Notes:** Ulmer 1905a, Flint Jr 1968, Bueno-Soria 1990, Chamorro and Holzenthal 2010

***Polyplectropus alatespinus* Chamorro & Holzenthal, 2010**

**Distribution: Minas Gerais, Rio de Janeiro, São Paulo**

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus alleni* (Yamamoto), 1967****Distribution:** Minas Gerais**Notes:** Yamamoto 1967, Blahnik et al. 2004, Chamorro and Holzenthal 2010***Polyplectropus annulicornis* Ulmer, 1905****Distribution:** Parana, Rio de Janeiro, Rio Grande do Sul, Santa Catarina**Notes:** Ulmer 1905b, Chamorro and Holzenthal 2010, Dumas and Nessimian 2012***Polyplectropus banksianus* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971, Chamorro and Holzenthal 2010***Polyplectropus brachyscolus* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971, Chamorro and Holzenthal 2010***Polyplectropus brasiliensis* Chamorro & Holzenthal, 2010****Distribution:** Rio de Janeiro, Sao Paulo**Notes:** Chamorro and Holzenthal 2010***Polyplectropus dubitatus* Flint, 1983****Distribution:** Minas Gerais, Parana, Santa Catarina**Notes:** Flint Jr 1983a, Chamorro and Holzenthal 2010***Polyplectropus elongatus* (Yamamoto), 1966****Distribution:** Minas Gerais**Notes:** Yamamoto 1966, Chamorro and Holzenthal 2010***Polyplectropus flavigornis* Ulmer, 1905****Distribution:** Minas Gerais, Santa Catarina**Notes:** Ulmer 1905a, Chamorro and Holzenthal 2010

***Polyplectropus fuscatus* Flint, 1983****Distribution:** Santa Catarina**Notes:** Flint Jr 1983a, Chamorro and Holzenthal 2010***Polyplectropus gaesum* Chamorro & Holzenthal, 2010****Distribution:** Minas Gerais**Notes:** Chamorro and Holzenthal 2010***Polyplectropus hollyae* Chamorro & Holzenthal, 2010****Distribution:** Minas Gerais**Notes:** Chamorro and Holzenthal 2010***Polyplectropus hystricosus* Chamorro & Holzenthal, 2010****Distribution:** Minas Gerais, Rio de Janeiro**Notes:** Chamorro and Holzenthal 2010, Dumas and Nessimian 2012***Polyplectropus inarmatus* Flint, 1971****Distribution:** Amazonas**Notes:** Flint Jr 1971, Chamorro and Holzenthal 2010***Polyplectropus juliae* Chamorro & Holzenthal, 2010****Distribution:** Minas Gerais**Notes:** Chamorro and Holzenthal 2010***Polyplectropus matatlanticus* Chamorro & Holzenthal, 2010****Distribution:** Minas Gerais, Sao Paulo**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus minensium* Chamorro & Holzenthal, 2010**

**Distribution:** Minas Gerais

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus novafriburgensis* Chamorro & Holzenthal, 2010**

**Distribution:** Rio de Janeiro

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus petrae* Chamorro & Holzenthal, 2010**

**Distribution:** Minas Gerais

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus pratherae* Chamorro & Holzenthal, 2010**

**Distribution:** Minas Gerais

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus rodmani* Chamorro & Holzenthal, 2010**

**Distribution:** Sao Paulo

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus rondoniensis* Chamorro & Holzenthal, 2010**

**Distribution:** Rondonia

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus profaupar* Holzenthal & Almeida, 2003**

**Distribution:** Minas Gerais, Parana, Rio de Janeiro, Santa Catarina

**Notes:** Holzenthal and Almeida 2003, Dumas et al. 2009, Chamorro and Holzenthal 2010, Dumas et al. 2010

***Polyplectropus spiculifer* Flint, 1971**

**Distribution:** Amazonas

**Notes:** Flint Jr 1971, Chamorro and Holzenthal 2010

***Polyplectropus tragularius* Chamorro & Holzenthal, 2010**

**Distribution:** Espírito Santo, Minas Gerais, São Paulo

**Notes:** Chamorro and Holzenthal 2010

***Polyplectropus ulmeriana* Flint, 1983**

**Distribution:** Santa Catarina

**Notes:** Flint Jr 1983a, Chamorro and Holzenthal 2010

**Sericostomatidae**

**Genus *Grumicha* Müller, 1879**

**Notes:** Müller 1879a, Flint Jr et al. 1999a

***Grumicha grumicha* (Vallot), 1855**

**Distribution:** Santa Catarina, São Paulo

**Notes:** Vallot 1855, Blahnik et al. 2004

**Genus *Notidobiella* Schmid, 1955**

**Notes:** Schmid 1955

***Notidobiella amazoniana* Holzenthal & Blahnik, 2010**

**Distribution:** Amazonas

**Notes:** Holzenthal and Blahnik 2010

***Notidobiella brasiliiana* Holzenthal & Blahnik, 2010**

**Distribution:** São Paulo

**Notes:** Holzenthal and Blahnik 2010

## **Xiphocentronidae**

### **Genus *Machairocentron* Schmid, 1982**

**Notes:** Schmid 1982

#### ***Machairocentron falciforme* Pes & Hamada, 2013**

**Distribution:** Amazonas

**Notes:** Pes et al. 2013

#### ***Machairocentron* sp.**

**Distribution:** Amazonas

**Notes:** Schmid 1982, Pes et al. 2005

### **Genus *Xiphocentron* Brauer, 1870**

**Notes:** Brauer 1870, Schmid 1982

#### ***Xiphocentron (Antillotrichia) ilionea* Schmid, 1982**

**Distribution:** Rio de Janeiro, Sao Paulo

**Notes:** Schmid 1982, Dumas et al. 2009

#### ***Xiphocentron (Antillotrichia) sclerothrix* Pes & Hamada, 2013**

**Distribution:** Amazonas, Amapa

**Notes:** Pes et al. 2013

#### ***Xiphocentron (Antillotrichia) steffeni* (Marlier), 1964**

**Distribution:** Minas Gerais, Rio de Janeiro, Sao Paulo

**Notes:** Marlier 1964a, Dumas et al. 2010

#### ***Xiphocentron (undetermined) saltuum* Müller, 1921**

**Distribution:** Brazil

**Notes:** Müller 1921

## Discussion

The number of Trichoptera species recorded from Brazil until September, 2014 is 625. This number represents a 65.34% increase in species records since 2004. Ninety percent of the new records were also new species to science. The number of new records since the first Brazilian Checklist is 252, including 223 new species and 29 new country records. The Hydropsychidae rank first in species richness totaling 124 species, followed by Hydroptilidae with 102 species and Polycentropodidae with 97 species. Despite of their ubiquity, caddisflies remain unrecorded in 4 Brazilian states (AL, MA, RN, TO). There is a clear relation between the concentration of universities and researchers and the number of species recorded for a region. Southeastern Brazil, home of the most and the largest universities in Brazil, ranks first with 330 species recorded followed by the Northern region (211 species) and Southern region (165 species). The regions with the greatest lack of knowledge, and which should be considered priorities for Trichoptera inventories, are the Northeast with 74 species and Midwest with 58 species (Fig. 1).

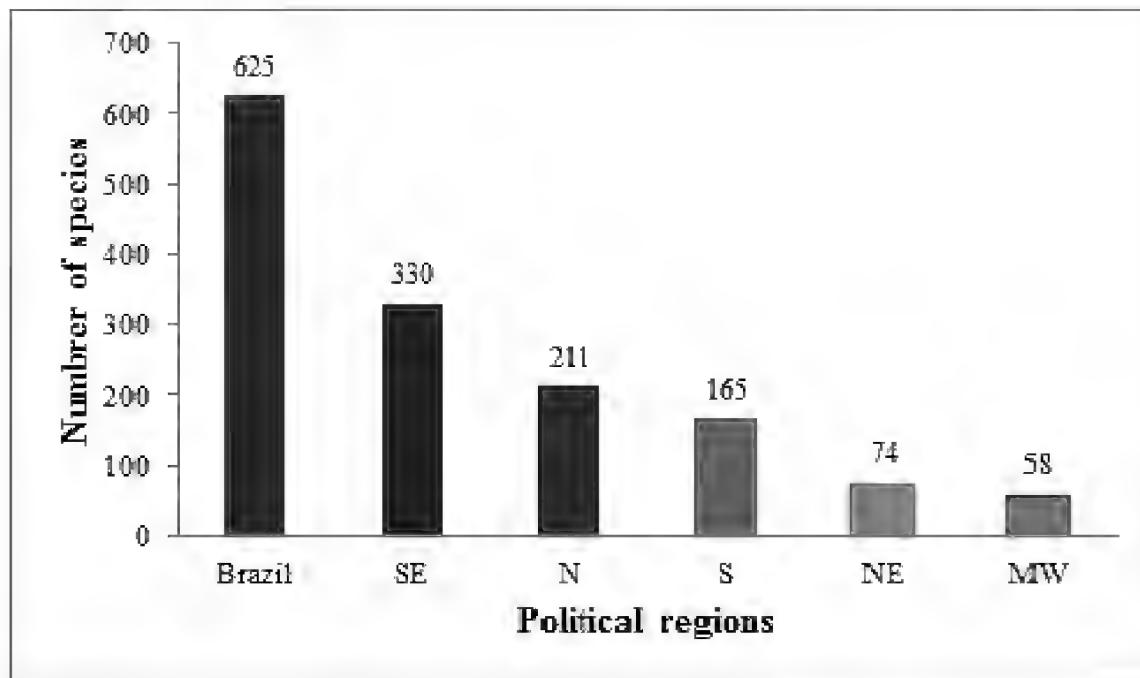


Figure 1.

Number of species by political regions. SE (Southeast), N (North), S (South), NE (Northeast), MW (Midwest). Chart based on data in Suppl. material 1.

The number of regional inventories published since the first Brazilian Trichoptera Checklist is 10 (Blahnik et al. 2004, Ribeiro et al. 2009, Dumas et al. 2009, Nogueira and Cabette 2011, Calor 2011, Dumas and Nessimian 2012, Barcelos-Silva et al. 2012, Souza et al. 2013a, Costa et al. 2014, Quinteiro et al. 2014). It is important to increase the number of regional surveys and publication of regional checklists. The benefits of regional surveys associated with georeferenced data made available online are one of the most important advancements to comprehensive biodiversity data studies (Chavan and Penev 2011). Primary data on Trichoptera biodiversity should be made freely available through initiatives like the Global Biodiversity Information System (<http://www.gbif.org/>). Brazil has undertaken a major initiative of making scientific collections biodiversity information available online

through the *Centro de Referências em Informação Ambiental – CRIA* ([www.cria.org.br](http://www.cria.org.br)). The numbers acquired by CRIA (August 2014) are impressive and include data from 358 scientific collections, 5,385,443 georeferenced distribution records, and 447,657 species names. The number of Trichoptera records retrieved from CRIA was 6,404. The linkage between scientific journals and such databases should be greatly improved to achieve open access to biodiversity data.

Over six hundred species of Trichoptera have been described for Brazil since the first species was recorded in 1833 (*Macrosternum maculatum* (Perty) 1833. An average of 2.21 species/year were described between 1833 and the publications of the first comprehensive checklist (Paprocki et al. 2004). Since 2004 the rate of species description has increased dramatically, with an average of 20.2 species/year (Fig. 2).

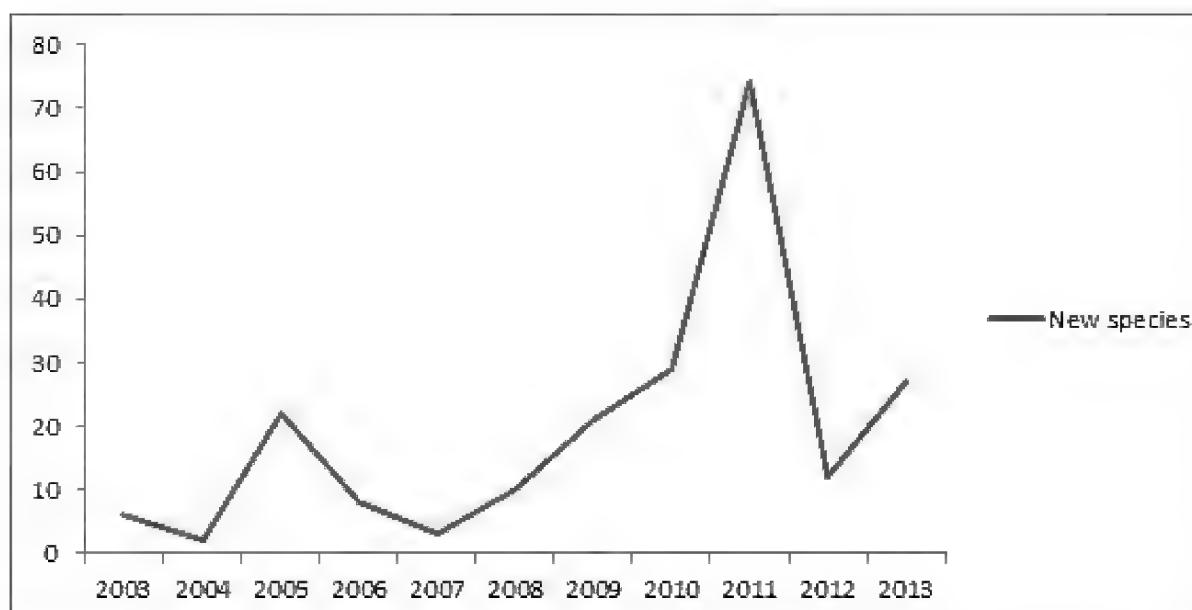


Figure 2.

Number of described species per year since 2003 for Brazil. Chart based on data in Suppl. material 2.

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## Supplementary materials

### Suppl. material 1: Figure 1 source

**Authors:** Paprocki, H., França, D.

**Data type:** spreadsheet, chart

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### Suppl. material 2: Figure 2 source

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